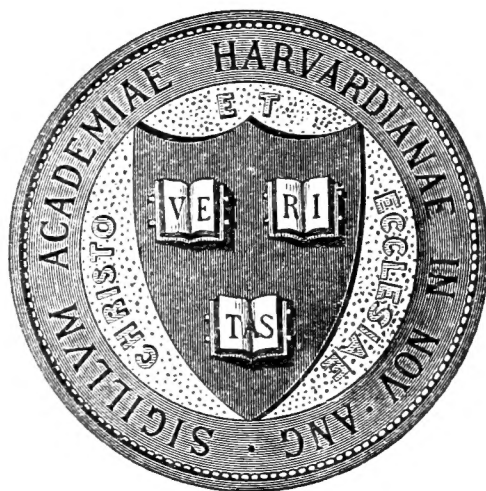




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MONOGRAPHIAE  
HELICEORUM VIVENTIIUM  
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T E R T I U M.

SISTENS

ENUMERATIONEM AUCTAM OMNIUM HUIUS FAMILIAE  
GENERUM ET SPECIERUM HODIE COGNITARUM.

ACCEDENTIBUS

DESCRIPTIONIBUS NOVARUM SPECIERUM.

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A U C T O R E

LUDOVICO PFEIFFER, DR.

CASSELLANO.

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VOLUMEN PRIMUM.

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LIPSIAE:

F. A. BROCKHAUS.

1868.

MONOGRAPHIA  
HELICEORUM  
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DESCRIPTIONES SYSTEMATICAS ET CRITICAS

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AUCTORE

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## PRAEFATIO.

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Pauca sunt quae huic supplemento tertio Monographiae Heliceorum praemittam, Lectori benevolo praesertim in mentem vocans, cui fini opus meum inservire destinatum sit, nempe praebere « methodum conchologicam, inveniendis et determinandis speciebus incognitis vel dubiis, quantum fieri poterat, adaptatam ». (Praef. vol. IV.) Methodum magis scientificam et animalium structuram internam respicientem, pro opere meo lubenter adoptarem, sed jam pluries et recentissime, cum de editione Martensiana systematis Albersiani dissererem (Malak. Bl. 1867. p. 1. 80 et 227), rationes fusius exposui, e quibus tali progressui renuntiare coactus fui. Attamen omnibus speciebus locum suum in systemate laudato exacte adscripsi, et quidem brevitatis causa ea forma, ut e. g. « *A<sup>2</sup>. 22* » significet: « *Albers Helic. ed. sec., cur. v. Martens p. 22* ».

Genera nonnulla in Monographia antea omissa nunc recepi, quia in omnibus collectionibus conchologicis admitti solent, exclusis tamen illis testis non spiratis, quae deficientibus characteribus specificis solum ex animalis natura dignosci possunt (ut *Limax*, *Arion*, *Parmacella*, etc.). — Praeterea nova nonnulla genera recentioribus temporibus pro typis novis bene constituta sunt, aliaque admisi ab Auctoribus melius quam

antea circumscripta, quo species inter genera Lamarckiana ambiguas connexione naturali aptius jungerem.

Distributio specierum in singulis generibus fere eadem est ac in Monogr. vol. IV, et post numerum currentem speciei cujusvis numerum (minorem) inclusi, quo, si adest, in volumine quarto notata est. Numeri post localitatem inclusi Monographiae volumen et paginam indicant, quibus descriptio originaria vel emendata specierum invenitur.

Cassellae, mense Decembri 1867.

**L. Pfeiffer, Dr.**

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# HELICEORUM VIVENTIU

SERIES AUCTIONATA ET EMENDATA.

## I. Testacella Cuvier.

Testa externa, non obducta, haliotidea, solida, imperforata, vertice subspirali; apertura permagna, intus submargaritacea.

Animal repens, limaciforme, carnivorum. Maxilla nulla. Dentes radulae aequales, spiniformes, hamati. — Collum elongatum, sulcis 2 lateralibus exaratum. Pallium plerumque simplex.

*Testacella* Cuvier 1800. Anat. comp. I. tabl. 5; 1804. Ann. Mus.

V. p. 435. t. 29: novum genus Molluscorum.

— Lamarck 1801. Syst. p. 96: genus Unilocularium spirivalvium.

— Drap. 1801. Tabl. d. moll. p. 33. 99; 1805. Hist. p. 23. 30. 131: genus Gasteropodum nudorum. — Par. Roissy 1805. Moll. V. p. 249.

— Férussac 1807. Essai d'une méth. p. 41.

— Lamarck 1809. Phil. zool.; 1822. Hist. VI. 2. p. 50 (ed. sec. VII. p. 726): genus Limacianorum (*Limaciens*). — Par. Desh. 1832. Enc. méth. III. p. 1032. — Dupuy 1847. Moll. France p. 13. 36. — Grateloup 1855. Distr. géogr. d. Limac. p. 15; 1858. Distr. d. Moll. du Dép. de la Gironde p. 71. — Moquin-Tandon 1855. Moll. France I. p. 37. t. 2.

— Cuvier 1812. Ann. Mus. XIX.; 1817. Règne an. II. p. 403; 1830. ib. ed. II. (ed. Voigt III. p. 44): subgenus Limacis. — Par. Schweigger 1820. Naturg. p. 743. — Swainson 1840. Malac. p. 327.

- Testacella* Oken 1815. Zool. p. 311; 1817. Isis p. 1169.
- Gray 1821. Lond. med. repos. X. p. 231: in *Ade-  
lopneumonis terrestribus*.
- Hartmann 1821 in *Sturm's Fauna* VI. 5. p. 42;  
1840. Syst. Ueberbl.: in *Geophilis*.
- Blainville 1824. Dict. sc. nat. XXXII. p. 255; 1825.  
Malac. p. 462: in *Limacineis* (Conf. Dict. sc. nat.  
LIII. 1828. p. 241). — Par. Sow. jun. 1842.  
Conch. Man. ed. sec. p. 272. (ed. I. p. 105.) —  
Brown 1844. Ill. rec. conch. Gr. Brit. p. 54.  
131. — Catlow 1845. Conch. Nom. p. 117.
- Latreille 1825. Fam. nat.: in *Nudilimacibus*.
- Fleming 1828. Hist. brit. an. p. 257: genus *Limaci-  
darum*. — Par. Cantraine 1841. Malac. médit.  
p. 97. — Woodward 1854. Man. Moll. Pt. II.  
p. 168.
- Wiegmann 1832. Zool. (ed. II. p. 50): genus *Lima-  
cinorum*.
- Potiez et Michaud 1838. Gal. Douai I. p. 63: genus  
*Limacum*.
- Lesson 1838. Rev. zool. p. 249 (Monogr.)
- Jay 1839. Cat. shells p. 42: genus *Lymacianorum*.
- Gray 1840 in Turt. Man. p. 109. 123; 1847. Proc.  
Zool. Soc. p. 170; 1850 in *M. E. Gray* Fig.  
moll. an. p. 112: genus *Testacellinorum*.
- Thompson 1840. Land-and freshw. Moll. Irel. p. 5:  
genus *Helicidarum*.
- Philippi 1853. Handb. d. Conch. u. Malac. p. 240:  
genus *Limaceorum*. — Par. Drouët 1855. Moll.  
France cont. p. 12.
- Gray 1854. Ann. and Mag. n. h. 2d. ser. XII: genus  
*Testacellidarum*. — Par. H. et A. Adams 1855.  
Gen. of shells p. 125. t. 72. f. 7. — Gassies et  
Fischer 1856. Monographie du genre *Testacelle*.
- Albers 1860. Helic. ed. Martens p. 22: genus *Testa-  
celleorum*.
- Bourguignat 1862. Spicil. malacol.
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p. 98.
- Montf. 1810. Conch. syst. II. p. 94.
- Férussac 1819. Prodr. p. 26 (Tabl. syst. p. XXXII.);  
Hist. p. 88. 96<sup>o</sup>: genus *Limacum*. — Par. Rang  
1829. Man. p. 155.
- G. B. Sowerby 1822. Gen. of shells. Fasc. I.
- Risso 1826. Hist. IV. p. 58: genus *Limacidarum*. —  
Par. Orbigny 1841. Moll. Cub. I. p. 137.

- Testacellus* Menke 1828. Synops.; 1830. ed. II. p. 13: in Limaceis.  
 — Reeve 1841. Proc. Zool. Soc. p. 76; 1842. Conch. syst. II. p. 61: in Limacineis.  
 — Gray 1842. Syn. Brit. Mus. p. 68. 90: genus Helicidarum.  
 — Moquin-Tandon 1851. Act. soc. Linn. Bord. p. 263. t. 15; Journ. Conch. II. p. 125.  
 — Albers 1853. Zeitschr. f. Malak. p. 133; 1854. Malacogr. Mader. p. 13: genus Limaceorum.

Genus characteribus anatomicis, inprimis maxillae defectu et dentium lingualium indole Daudebardiae et Oleacinae proximum, et a recentioribus in una familia cum his insertum. Genus *Plectrophorus* Fér., a Cl. Gray familiae Testacellinorum adscriptum, hucusque omnino dubium remansit, a nemine ulterius observatum, quare a recentioribus omissum. — Testacellae generis historiam optime exposuerunt Gassies et Fischer in Monographia supra citata; vivendi rationem descripsit Albers secundum observationes proprias in insula Madera, de sacco buccali scripsit Cantraine (Malac. médit. p. 97), de sacculis auditoriis Laurent (1838. Ann. d'anat. p. 242), de oculis Lespés (1851. Sur l'oeil des moll.), de lingua Moquin-Tandon etc.

Species notae characteribus animalium ipsorum potius quam testarum distinguendae, attamen in libro meo testas modo in reliquis generibus tractante characteres physiologicos et anatomicos praetermittere coactus sum, quippe qui praesertim in Monographia egregia dominorum Fischer et Gassies optime dilucidati sunt.

In describendis testis Auctorum Monographiae descriptiones gallice confectas lingua latina exacte reddidi, vel Cl. Dupuyi phrases latinas adoptavi. Comparationis causa in hoc genere, paucas species continente, fossiles praetermittere nolui.

## A. *Testa convexa.*

### 1. **T. Maugei Férussac.**

«T. epidermide vestita, majuscula, ovali-oblonga, marginibus fere parallelis, antice subdilata, superne convexa, basi concava; striae incrementi juniorum subtiles, adultarum rugosae et elevatae. Testa virescens vel brunnescens, nitida, saepius, praesertim ad verticem, erosa. Apertura ovali-oblonga, antice rotundata, postice obtuse angulata; margo columellaris reflexus, incrassatus, superne sulculum formans. Columella lata, callosa, antice acuminata, non truncata, leviter inflexa, margo dexter curvatus, tenuis, membranaceus, versus medium subflexuosus, ad junctionem cum columella sulculum distinctum formans.

Anfractus 2, primus acuminatus, supra suturam carinatum vix involutus. — Long. 13—17, lat. 7—11, alt.  $3\frac{1}{2}$ — $5\frac{1}{2}$  mill. » (G. et F. — Coll. Nr. 1 cum anim.).

- Testacella haliotoides* Lamarck 1801. Syst. p. 96.  
 — *haliotide* Ledru 1810. Voy. à Ténériffe.  
 — *Maugei* Desh. 1830. Dict. class. XVI. p. 179.  
 — — *Morelet* 1845. Moll. Portug. p. 48.  
 — — *M. E. Gray* 1850. Fig. moll. an. t. 283. f. 4.  
 — — *H. et A. Adams* 1855. Gen. sh. p. 125.  
     t. 72. f. 7.  
 — — *Gass. et Fisch.* 1856. Mon. Testac. p. 36.  
     t. 2. f. 1—1 F.  
 — — *Grat.* 1858. Distr. moll. Gironde p. 72.  
 — — *Bourg.* 1860. Malac. terr. fluv. Bretagne.  
 — — *Alb.* 1860. Helic. ed. *Mart.* p. 22.  
 — *Burdigalensis* Gass. in Gratel. (1855) Distr. d. Limac.  
     p. 15.  
 — *oceanica* Gratel. 1855. l. c. p. 15.  
 — *Canariensis* Gratel. l. c. p. 16.  
*Testacellus Maugeli* Féruss. 1819. Hist. p. 94. t. 8. f. 12.  
 — — *Lowe* 1833. Prim. faun. Mader. p. 40.  
 — — *Albers* 1854. Malac. Mader. p. 13. t. 1. f. 9—11.

- α. Griseo-nigrescens (frequentissima).  
 β. Roseo-fulvescens.  
 γ. Griseo-fulvescens.  
 δ. Griseo-rubescens (typus Férussaci).  
 ε. Viridans (typus Moreleti).  
 ζ. Albina (rara).  
 η. Fossilis.

- Testacella Deshayesii* Michd. 1855. Descr. coq. foss. Hauterive  
     p. 3. t. 2. f. 10. 11.  
 — *Bourg.* Spicil. malacol. 1862.  
 — *Altae-Ripae* Grat. 1855. Distr. Limac. p. 16.

Habitat in Gallia, Britannia, Lusitania, insulis Canariis et Madera.

## 2. **T. Lartetii Dupuy. †**

«Testa ovato-auriformis, antice latior, postice angustior, supra convexa, irregulariter et sat profunde striata; spirae rudimento exserto et reliqua testula sensim separato, apice acutiusculo, apertura amplissima, profunda, cochleata anterieus rotundata, posterius angustata et quasi angulata, margine externo vix subacuto, columellari rotundato nec depresso. — Long. 6, lat. 3, alt. 2 mill.» (D.)

*Testacella Lartetii Dupuy* 1850 in Journ. Conch. I. p. 302.  
t. 15. f. 2.

— — *Noul.* 1855. Mém. s. Coq. foss., 3<sup>e</sup> Mém.  
p. 70.

— — *Gass. et Fisch.* 1856. Mon. Testac. p. 40.  
t. 2. f. 2 — 2D.

— *Aquitanica Gratel.* 1855. Distr. Limac. p. 16.

Fossilis lecta prope Sansan (Dép. du Gers) Galliae (Lartet).

### 3. **T. asinina Marc. de Serres. †**

«Testa fossilis, parva, elongata, forma Haliotidis, sed magis elongata et multo minus rotundata, longitudinaliter et transverse leviter striata. Spira perbrevis, minima, vix 1½ anfractuum, vertice mamillato subspirali. Apertura permagna angusta, elongato-ovalis. Columella plicata, perforationem simulans.» (Serr. gall.) — Dimens.? Long. ex icone 13 mill.

*Testacella asinium Marc.-Serr.* 1827. Ann. sc. nat. }  
p. 409. } (F. et G.)

— *asininium Bronn* 1849. Ind. p. 1259.

— *asinina Bronn* l. c. p. 502.

— — *Gass. et Fisch.* 1856. Mon. Testac. p. 41.  
t. 2. f. 3.

— *Monspessulana Grat.* Distr. Limac. p. 16.

Fossilis lecta prope Cette Galliae.

### 4. **T. Bruntoniana Marc. de Serres. †**

«Testa fossilis, ovato-oblonga, subconvexa, apice obtuso, subumbilicata. — Long. 11 mill.» (S.)

*Testacella Bruntoniana Marc. de Serr.* 1851. Mém. terr. transp.  
p. 51; 1853. Rev. et Mag. Zool. p. 581.

— — *Gass. et Fisch.* Mon. Testac. p. 42.

— *Browniana Grat.* Distr. Limac. p. 16.

— *Occitaniae Gratel.* ibid.

Fossilis lecta prope Montpellier.

## B. *Testa subplanata.*

### 5. **T. Companyonii Dupuy. †**

«Testa ovato-auriformi, anterieus angustata, supra convexa, irregulariter et sat grosse striata; spirae rudimentum minimum, papillatum, obtusum, apice reliqua testa sinu haud separato, sed testa paulo inferius emarginata; apertura amplissima, anterieus angustata, postice rotundatiore; margine columellari



depresso, anterieus vix subtruncato; supra alba, fere omnino epidermide orbata, reliquum epiderma griseo-nigrescens videtur; intus lacteo-submargaritacea. — Long. 17, lat. 8, crass.  $2\frac{1}{2}$  mill.» (D.)

*Testacellus haliotideus* var. *Aleron* 1842. Guide en Roussillon p. 327.

*Testacella Companyonii* Dupuy 1847. Moll. France p. 47. t. 1. f. 3.

— — *Drouët* 1855. Moll. France p. 12.

— — *Gass. et Fisch.* 1856. Mon. Testac. p. 43. t. 2. f. 4 — 4B.

— *haliotideus* var. *Moq.-Tand.* 1855. Hist. Moll. p. 39.

— *Canigonensis* Gratel. Distr. Limac. p. 15.

Habitat in Pyrenaeis orientalibus rarissima.

### 6. **T. bisulcata** Risso. †

« Testa ovato-auriformi, anterieus angustata, depressa, supra planulata, sat regulariter et tenuissime striata; spirae rudimentum minimum; apice reliqua testula sinu perspicuo separato; apertura amplissima, anterieus angustata, posterius rotundatiore; margine columellari depresso, posterius angustato et anterieus subtruncato; supra ferrugineo-rubescens, intus submargaritacea. — Long. 5—7, lat. 3—4, crass. 1—1½ mill.» (Dupuy.)

*Testacellus bisulcatus* Risso 1826. Hist. nat. Eur. mérid. IV. p. 58.

*Testacella bisulcata* Dupuy 1847. Moll. France p. 44. t. 1. f. 2.

— — *Drouët* 1855. Moll. France p. 12.

— — *Gass. et Fisch.* Mon. Testac. p. 44. t. 2. f. 5 — 5 C.

— — *Bourg.* Malac. terr. fluv. Bretagne 1860.

— *haliotideus* var. *Moq.-Tand.* 1855. Hist. Moll. p. 39. t. 5. f. 23.

— *Galloprovincialis* Gratel. Distr. Limac. p. 15.

β. Major: *Gass. et Fisch.* l. c. p. 46. t. 2. f. 5 D.

*Testacella Fischeriana* Bourg. Spicil. malagol. 1862; Malac. Alg. Fasc. I. 1863.

γ. Albina.

Habitat in Gallia meridionali (circa Grasse: Mouton, Astier), prope Nizzam (Risso, Cantraine), varietates prope Constantine (Raymond).

### 7. **T. haliotideus** Draparnaud.

« Testa ovali-auriformis, depressa, rugosa, striis incrementi saepe superpositis. Epidermis fulvida, tenuis, facile decidua. Spira brevissima, anfr. 1½; sutura parum profunda; vertex nitidus, fere medianus, a columella non solutus. Apertura

perampla, antice rotundata et dilatata; columella arcuata, non sinuosa, postice attenuata; margo dexter fere verticalis, ad junctionem cum columella angulum distinctum formans. Facies interna margaritacea, parum nitens, albida, interdum coerulescens. — Long. 6—10, lat. 4—7, alt. 2 mill.» (G. et F. gall. — Coll. Nr. 2.)

*Testacella haliotide* Drap. Tabl. d. Moll. p. 99; Hist. p. 121.  
t. 8. f. 43—48. t. 9. f. 12. 13.

— — Cuv. Ann. du Mus. V. p. 440. t. 29.  
f. 6. 7.

— — Lam. 1822. Hist. VI. 2. p. 50; 1836. ed.  
Desh. p. 726.

— — Desh. 1832. Enc. méth. III. p. 1033.

— — Less. 1838. Rev. zool. p. 249.

— — Gray 1840 in Turt. Man. p. 123.

— — Graells 1846. Cat. mol. terr. Esp. p. 1.

— — Dupuy 1847. Moll. France p. 44. t. 1. f. 1.

— — M. E. Gray 1850. Fig. moll. anim. t. 283.  
f. 1—3. 6. 7.

— — Drouët 1855. Moll. France p. 13.

— — Moq.—Tand. 1855. Hist. moll. France I.  
p. 39 (plures species complectens).

— — Gass. et Fisch. 1856. Mon. Testac. p. 47.  
t. 2. f. 6—6 D.

— — Grat. 1858. Distr. moll. Gironde p. 71.

— — Bourg. Malac. terr. fluv. Bretagne 1860.

— — Albers 1860. Helic. ed. Mart. p. 22.

— *europaea* Roissy in Buff. Sonn. V. p. 252.

— *Galliae* Oken 1815. Lehrb. p. 212.

— *haliotoidea* Brown 1844. Ill. rec. conch. Gr. Brit.  
p. 131. t. 59. f. 17.

— *haliotoides* Woodw. 1854. Man. Moll. II. p. 168. f. 93.

*Helix subterranea* Lafont—du—Cujula 1806. Ann. ou Descr.  
stat. du Lot-et-Garonne p. 143.

*Testacellus haliotideus* Fér. 1819. Hist. p. 94. t. 8. f. 5—9.

— — Lowe 1833. Prim. faun. Mader. p. 40.

— — Albers 1854. Malac. Mader. p. 13. t. 1.  
f. 6—8.

β. Major.

γ. Elongata.

δ. Scutulum (Gass. et Fisch. l. c. t. 2. f. 6 F.)

*Testacella scutulum* Sow. 1823. Gen. of sh. Nr. 1. f. 3—6.

— — Bourg. Spicil. malac. 1862.

— *haliotide* var. Gray in Turt. Man. p. 124.

— — var. Moq.—Tand. Moll. France I. p. 39.

*Testacella haliotoidea* var. *Brown* Ill. rec. conch. Gr. Brit. p. 54.  
t. 18\*. f. 15. 16.

— *Anglica Gratel.* Distr. Limac. p. 15.

*Testacellus scutatum* *Less.* 1838. Mon. p. 249. (G. et F.)

ε. Albina.

ζ. Trigona. (*Gass. et Fisch.* t. 2. f. 6 G.)

η. Fossilis.

*Testacella haliotide* *Marc. Serr.* 1829. Géogr. terr. tert.

*Testacellus haliotideus* *Bouillet* 1836. Coq. foss. Auvergn. Nr. 87.

Habitat in Gallia, Corsica, Britannia, Hispania, Lusitania, Algeria,  
Madera et insulis Canariis; var. ζ ad Habanam (Petit).

### 8. **T. auriculata Gassies et Fischer. †**

«Testa fossilis, postice dilatata, antice angustata, subtus plana et fere convexa, superne vix fornicata, subtiliter et concentricè striata. Plica columellaris superne prominens, planulata; margo dexter extus fortiter striatus. Spira  $4\frac{1}{2}$  anfractuum, obtusa, fere recta, nitens, ad sinistram posita. Apertura ampla, auriculata, medio solum excavata; margines lateralis et columellaris lati, callosi, supra dorsum rejecti. Columella leviter arcuata, utraque extremitate sensim attenuata. Impressio muscularis lunaris, infra columellam truncata. — Long. 7, lat.  $4\frac{1}{2}$ , alt.  $4\frac{3}{4}$  mill.» (G. et F. gall.)

*Testacella auriculata* *Gass. et Fisch.* 1856. Mon. Testac. p. 51.

Fossilis lecta prope Vendôme Galliae.

Obs. «Differt ab omnibus congeneribus forma auriculata, testa callosa, solida, subtus plana etc.»

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#### *Species quarum descriptiones non vidi:*

*Testacella Brondeli* *Bourg.* Spicil. malacol. 1862; Malac. Algér.  
Fasc. I. 1863. — Algeria.

— *drymonia* *Bourg.* Spicil. malacol. 1862 (*T. haliotide* *O. Costa*). — Capri.

— *episcia* *Bourg.* Moll. Alpes-Maritimes; Spicil. malacol. 1862.

— *Pecchiolii* *Bourg.* Spicil. malacol. 1862 (*T. haliotide* plurimorum *Auctorum* italorum). — Italia, Sicilia.

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#### *Species e genere excludendae:*

*Testacellus ambiguus* *Fér.* Hist. p. 75. t. 8. f. 4. t. 8D. f. 9.  
(*Testacella ambigua* *M. E. Gray* Fig. moll. an. t. 283. f. 5) = *Parmacellae* spec.

- Testacella Antillarum* Grat. Distr. Limac. p. 16 = *Succinea unguis* Orb.
- *Berytensis* Grat. l. c. p. 16: nomen pro *T. Saulcyi* Bourg. propositum.
- *cornina* Bosc Hist. nat. Coq. t. 3. p. 238 et
- *costata* Bosc l. c. = *Plectrophorus Fér.*
- Testacellus Gayanus* Less. in Rev. zool. 1838. p. 249 = *Succinea unguis* Orb.
- Testacella Germaniae* Oken Lehrb. Zool. I. p. 312 = *Vitrina elongata* Drap.
- Testacellus Guadeloupensis* Less. l. c. = *Succinea unguis*.
- Testacella Guadelupensis* Grat. l. c. p. 16: nomen pro *T. Matheroni* propositum.
- *Matheronii* Pot. et Mich. Gal. Douai p. 63 = *Succinea unguis*.
- *Saulcyi* Bourg. 1852. Test. nov. Or. p. 10 = *Daudebardia Saulcyi*.
- *sinuata* Conti il monte Mario ed i suoi fossili 1864 = ?
- *Teneriffae* Orb. teste Fér. Hist. p. 87 = *Plectrophorus Orbignii* Fér.
- Testacellus unguis* Less. l. c. = *Succinea unguis*.

## II. Daudebardia Hartmann.

*Pfr.* Mon. Helic. IV. p. 786. — *Albers* Helic. ed. *Martens* 1860. p. 23: genus II Heliceorum (Testacelleorum). — *Bielz* Faun. Siebenb. p. 25.

### Species:

1. **rufa** Drap. (Coll. Nr. 1)  $A^2$ . 24. — *Helix rufa* Drap. — *Helicophanta rufa* C. Pfr. — Germania et Helvetia. (II. 490.)
2. **brevipes** Drap. (Coll. Nr. 2.)  $A^2$ . 24. — *Helix brevipes* Drap. — *Helicophanta brevipes* C. Pfr. — *Vitrina brevipes* Woodw. — Germania, Helvetia, Italia borealis. (II. 490.)
3. **Langi** Pfr. (Coll. Nr. 3.)  $A^2$ . 24. — *Helicophanta Langi* Pfr. — Banatus. (II. 491.)

### 4. **D. transsilvanica** Bielz. †

« Testa obtecte perforata, depressa, nitida, albida vel fulva, parva; spira minutissima, terminalis; anfractus 2, ultimus amplissimus, angulato - depressus, ovali - oblongus; apertura

oblonga; peristoma simplicissimum, cartilagineum. — Long. 4 —  $4\frac{1}{4}$ , lat.  $\frac{1}{2}$  —  $\frac{3}{4}$ , alt. vix  $\frac{1}{2}$  lin.» (B.)

*Daudebardia transsilvanica* E. A. Bielz in Verh. siebenb. Ver.  
X. 1859. p. 214; Faun. Siebenb. p. 25.

— *Bielzii* Parr. in sched.

Habitat in Transylvania.

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5. (4.) **Saulcyi** Bourg. — *A*<sup>2</sup>. 24 (sphalm. *Sauleyi*). — *D. syriaca* Roth. — *Testacella Saulcyi* Bourg, *Berytensis* Grat. — Syria (IV. 787.)

6. (5.) **sicula** Benoit. † — *A*<sup>2</sup>. 24. — Conf. *Fisch.* in Journ. Conch. VI. 1857. p. 28. — *Vitrina sicula* Ben. — Sicilia. (IV. 787.)

7. (6.) **Gaillardoti** Bourg. † — *A*<sup>2</sup>. 24. — Syria. (IV. 788.)

8. (7.) **Maravignae** Mandr. † — *Vitrina Maravignae* Mandr. — Sicilia. (II. 496.)

9. ? (8.) **elata** Mühlf. † — *Helicophanta elata* Mlf. — Habitat ? (IV. 788.)

#### 10. **D. Novoseelandica** Pfr.

T. imperforata, depressissima, ambitu ovalis, solidula, striis incrementi distinctis et lineis impressis radiantibus sculpta, fulva; spira minima,  $\frac{1}{8}$  longitudinis occupans; anfr.  $2\frac{1}{2}$ , ultimus latere subcompressus; columella superne crasse callosa; apertura oblonga, intus submargaritacea. — Long. 10, diam. 7, alt.  $2\frac{1}{2}$  mill. (Coll. Nr. 4.)

*Daudebardia Novoseelandica* Pfr. in Malak. Bl. VII. 1861. p. 146.

Habitat in Nova Seelandia (Hochstetter).

#### *Species mihi incognita:*

*Daudebardia Letourneuxi* Bourg. Moll. nouv., litig. ou peu connus. Fasc. 6. 7. ex Algeria. (Minus planulata et spira minus laterali, quam in speciebus europaeis; diam.  $2\frac{1}{4}$ , alt.  $1\frac{1}{4}$  mill.: Crosse in Journ. Conch. XIV. 1866. p. 314.)

### III. Gaeotis Shuttleworth.

« Testa sigaretiformis, tenuissima, hyalino-vitrea, intestina tantum includens, antice pallii replicatura breviter inclusa, postice in excavatione dorsi profunde immersa et semi-obtectata, subtus per diremptionem marginis gelatinoso-membranacei latissime excisa, quasi abscisse dimidiata, anfractuum omnium marginem columellarem liberum ostendens; spira brevissima, anfr.  $2\frac{1}{2}$  — 3, ultimo maximo; apertura auriformis, maxima, peristomate simplice, tenui, margine basali et columellari membranaceo-marginato. »



«Animal magnum, depressum, pede latissime dilatato, complanato, pellucente; tentaculi 4, quorum 2 postici majores, remoti, 2 antici parvi; pallium ad latus dextrum postice sub spirae terminationem — ubi anus etiam situs est — appendiculatum; lamina lingualis fere ut in Vitrina et Zonites constituta videtur; papillae nempe numerosae in seriebus utrinque obliquis ordinatae sunt: papilla centrali obtuse tridentata, mediis vix a centrali diversis, lateralibus autem subulato-productis, arcuatis, basi? bifurcatis. An maxilla adsit haeret.» (Sh.)

*Gaeotis* novum genus Molluscorum terrestrium *Shuttleworth*  
Diagn. neuer Moll. Nr. 6. p. 126. (Bern. Mittheil.  
März 1854.)

Obs. «Medium tenet locum inter Parmacellam et Vitrinam, illi situ et functionibus testae, huic pallio, testae natura et habitu affinis. Species tres generis eximii detexit b. *Blauner*, noctu vel matutino per aquationes auctumni ad truncos et folia praesertim Musarum occurrentes. E formatione linguae animal videtur sine dubio carnivorum.» (Sh.)

Vitrinae nonnullae, e. g. *V. Ruivensis*, testae characteribus persimiles sunt. (P.)

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*Species.*

1. ***G. nigrolineata Shuttleworth.***

«Testa depressissima, tenuissima, hyalino-vitrina, subopalescens, nitida, lineis incrementi flexuosis striata aliisque spiralibus obsolete decussata; spira minuta, plana, vix papillaris; anfr.  $2\frac{1}{2}$ , rapidissime accrescentes, ultimus maximus, depressus; sutura marginata; apertura perobliqua; perist. margine dextro flexuoso-producto, basali late membranaceo-marginato. — Diam. maj. 12, min. 9, alt. circa  $3\frac{1}{2}$  mill.» (Sh. — Coll. Nr. 4.)

*Gaeotis nigrolineata Shuttl.* l. c. p. 127.

Habitat «Sierra de Luquillo» insulae Portorico.

2. ***G. flavolineata Shuttleworth.* †**

«Testa depressa, tenuissima, hyalino-vitrina, nitida, subopalescens, lineis incrementi flexuosis striata aliisque spiralibus obsolete decussata; spira minutissima, plana; anfr.  $2\frac{1}{2}$ , rapidissime accrescentes, ultimus maximus, subinflatus, et obtuse subangulatus, antice depressus; sutura marginata, obsolete crenulato-crispata; apertura perobliqua; perist. margine dextro flexuoso, basali et columellari latissime membranaceo-marginato. — Diam. maj. 19, min. 14, alt. 6 mill.» (Sh.)

*Gaeotis flavolineata Shuttl.* l. c. p. 127.

Habitat «Sierra de Luquillo» et ad «Rio Blanco» insulae Portorico, rarissima.

3. *G. albopunctulata* Shuttleworth. †

«Testa solidiuscula, opalescente-albida, epidermide tenuissima induta, pellucens, lineis incrementi flexuosis plicatula, aliisque spiralibus crispatulis decussata et quasi obsolete ruguloso-malleata; spira minuta brevissime papillaris; anfr.  $2\frac{2}{3}$ , rapidissime accrescentes, convexiusculi, ultimus magnus, inflatus, bene rotundatus, antice descendens et depresso-deflexus; sutura marginata, subcrenulata; apertura perobliqua; perist. margine dextro antrorsum flexuoso-producto, basali et columellari membranaceo-marginato. — Diam. maj. 19, min. 14, alt. 8 mill.» (Sh.)

*Gaeotis albopunctulata* Shuttl. l. c. p. 128.

Habitat prope Humacao insulae Portorico, rara.

IV. *Vitrina* Draparnaud.

*Pfr.* Mon. Helic. IV. p. 788. — *Albers* Helic. ed. *Martens* p. 43: genus VI. Heliceorum (Vitrineorum) et *Helicarion* sectio prima Naninae p. 46 (serius in *Ostas. Zool.* II. p. 68. 182 tamquam genus adoptatus et descriptus). — *Stabile* in *Rev. et Mag. Zool.* 1859. p. 422 species europaeas in duas sectiones distribuit: *A. Semilimax* (*elongata*, *brevis*, *pyrenaica*, *dubia* *A. Schm.*, *Charpentieri* *Stab.*); *B. Phenacolimax* (*major*, *Draparnaldi*, *pellucida*, *Musignani*, *annularis*). Conf. *Stabile* *Moll. viv. Piém.* 1864. p. 25. 117. — *Bielz* *Faun. Siebenb.* 1863. p. 32.

*Conspectus specierum.*

<i>A. Europaeae</i>	. . . . .	§. 1. Nr.	1— 40.
<i>B. Asiaticae.</i>			
1. continentales	. . . . .	§. 2. —	41— 30.
2. insulares	. . . . .	§. 3. —	31— 58.
<i>C. Africanae.</i>			
1. continentales	. . . . .	§. 4. —	59— 71.
2. insulares	. . . . .	§. 5. —	72— 80.
<i>D. Australicae</i>	. . . . .	§. 6. —	81— 99.
<i>E. Americanae</i>	. . . . .	§. 7. —	100—103.
<i>F. Patriae incertae</i>	. . . . .	§. 8. —	104.

## §. 1.

1. **pellucida Müll.** (Coll. Nr. 1.) A<sup>2</sup>. 43. — *Bielz* Faun. Siebenb. p. 34. — *Helix pellucida* Müll., *domestica* Ström. — *Vitrina beryllina* C. Pfr., *Mülleri* et *Dillwynii* Jeffr. — Europa media. (II. 492.)
2. **annularis Stud.** (Coll. Nr. 2.) A<sup>2</sup>. 43. — *Helix imputa* Stud. 1789 in Coxe trav. Switzerl. III. p. 432 (absque descriptione). — *Vitrina subglobosa* Mich., *aemulans* Ad.? — Alpes Helvetiae et Galliae, Lusitania. (II. 493.)
3. **Draparnaldi Cuv.** (Coll. Nr. 3.) *Helix Draparnaldi* Cuv., *diaphana* Poir., *elliptica* Brown. — *Vitrina pellucida* Drap., *diaphana* et *depressa* Jeffr. — *Vitr. major* C. Pfr., A<sup>2</sup>. 43. — *Vitr. Audebardi* C. Pfr. — *Helicolimax major* Fér. — Gallia, Germania, Britannia. (II. 493.)
4. **diaphana Drap.** (Coll. Nr. 4.) A<sup>2</sup>. 43. — *Bielz* Faun. Siebenb. p. 34. Excludantur varietates. — *Helix limacina* Alt., *virescens* Stud., *palliat* Htm. — *Vitrina pellucida* Voith, *albina* Zgl., *vitrea* Gray. — Germania, Helvetia, Gallia. (II. 494.)

5. **V. Charpentieri Stabile.**

«Testa depressa, planiuscula, infra tumidiuscula, tenuis, laevigata, pellucida, nitida, lutescenti-hyalina; spira brevissima, apice non, aut vix prominula. Anfractus 2<sup>1</sup>/<sub>2</sub> convexiusculi, celeriter crescentes, sutura vix impressa, filomarginata distincti; ultimus sat magnus, depressus, elongatulus, basi latiusculus subplanus; apertura transverse ovato-rotundata; peristoma simplex, subtilissime limbatum, marginibus approximatis; columellari subarcuato, anguste membranaceo-marginato; supero, in medio, repando. — Alt. anfr. ult. 2<sup>1</sup>/<sub>2</sub>, long. 5—6, lat. 3<sup>5</sup>/<sub>6</sub> — 4<sup>4</sup>/<sub>6</sub> mill.» (St.—Coll. Nr. 5.)

*Vitrina glacialis* Forb.? Pfr. Mon. Het. II. p. 496.

— *nivalis* Charp. in sched.!

— *Charpentieri Stabile* in Rev. et Mag. Zool. 1859. p. 419. t. 15. f. 4—5; Moll. Piém. p. 24.

Habitat in Alpibus Helvetiae et Pedemontanis.

6. **V. plicosa Bielz. †**

«Testa orbicularis, depresse-globosa, nitidiuscula, diaphana, viridula; anfractibus 3, sensim accrescentibus, irregulariter plicosis; apertura rotundata. — Alt. 4, long. et lat. 4<sup>1</sup>/<sub>2</sub> lin.» (B.)

*Vitrina plicosa* Bielz Faun. Siebenb. 1863. p. 33.

Habitat in Transylvania.

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7. (5.) **pyrenaica Fér.** (Coll. Nr. 6.) A<sup>2</sup>. 43. — *Helicolimax pyrenaica* Fér. — Mont. Pyrenaei. (II. 495.)

8. (6.) **elongata** Drap. (Coll. Nr. 7.) *A*<sup>2</sup>. 43. — *Bielz* Faun. Siebenb. p. 34. — *Helix Semilimax* Fér. pat. — *Testacella Germaniae* Oken. — *Vitrina semilimax* Moq. — Germania, Carinthia, Gallia. (II. 495.)
9. (7.) **brevis** Fér. (Coll. Nr. 8.) *A*<sup>2</sup>. 43. — *Stabile* Prosp. moll. Lugan. p. 17. — *Helicolimax brevis* Fér. — *Vitrina elongata* β. *Pfr.* Mon. II. p. 495. — Germania, Tirolia, Carinthia. (IV. 790.)
10. (8.) **Musignani Mandral.** † — Sicilia. (IV. 496.)

## §. 2.

11. **V. imperator** Gould. †

« T. magnifica, fragilis, ventricosa, epidermide rigida fuscescente induta, obsolete spiraliter striata; anfr. 3 +. Apertura ampla subcircularis, ad columellam vix incrassata. — Axis  $\frac{3}{4}$ , diam.  $1\frac{1}{2}$  poll. » (G.)

*Vitrina imperator* Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 422; *Otia* conch. p. 101.

— — *Mart.* Ostas. Zool. II. p. 41 (*Helicarion*?)

Habitat Hongkong Chinae.

Obs. «Persimilis *H. Ampullae* Bens.»

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12. (9.) **Flemingi** Pfr. — Conf. *Archer* in Proc. Zool. Soc. 1864. p. 69. — *Scinde Indiae*. (IV. 790.)
13. (10.) **Siamensis** Haines. (Coll. Nr. 9.\*) *Helicarion Siamensis* *Mart.* Ostas. Zool. II. p. 68. — Siam. (IV. 790.)
14. (11.) **Gigas** Bens. — *A*<sup>2</sup>. 44. — *Bengalia*. (II. 496.)
15. (12.) **cassida** Hutt. (Coll. Nr. 10.) *Helicarion cassida* Hutt. — *Himalayah*. (II. 497. III. 2.)
16. (13.) **pracstans** Gould. — *A*<sup>2</sup>. 44. — *Tavoy Birmanorum*. (II. 497.)

17. **V. planospira** Benson. †

« Testa suborbiculato-depressa, peripheria rotundato-ovata, tenui, laevigata, obsolete arcuato-striatula, translucente, polita, cornea; spira convexiuscula, superne planata, sutura canaliculato-marginata; anfractibus 3, celeriter accrescentibus, ultimo antice depresso, leviter descendente, ad peripheriam compresse rotundato, subtus convexiusculo; apertura valde obliqua, ovato-lunari, peristomate tenui, superne antrorsum arcuato, margine columellari valde arcuato. — Diam. maj. 14, min. 11, axis 5 mill. » (B.)

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\*) T. depresso-globosa, tenuis, levissime arcuato-striatula, sub epidermide nitida, olivaceo-fulva carnea; spira vix elevata; anfr. 3 rapide accrescentes, primi convexiusculi, ultimus depresso-inflatus; apertura perobliqua, subquadrato-rotundata; perist. simplex, marginibus approximatis, columellari arcuato, superne subcalloso. — Diam. maj. 31, min. 24, alt. 19 mill. (Spec. collectionis e Camboja, Lao Mountains. Dedit Bernardi.)

*Vitrina planospira* Bens. in Ann. and Mag. N. H. 3d. ser. III.  
Apr. 1859. p. 271. Nec Pfr.

Habitat ad Pankabari et in valle Rungun, *V. Salii* consors, raro  
occurrens.

18. **V. auriformis W. Blanford.** †

«Testa perdepressa, irregulariter ovata, auriformis, tenuis-  
sima, striata, polita, epidermide membranacea induta, viridula  
vel fusco-lutescens, nucleo pallidiore. Spira planulata, sutura  
leviter impressa. Anfractus  $4\frac{1}{2}$ . Apertura ovalis, totam su-  
perficiem basalem occupans et intimum apicis monstrans; peri-  
stoma membranaceum. — Long. 13, lat. 8, alt.  $2\frac{1}{2}$  mill.»  
(Bl. angl.)

*Vitrina auriformis* W. T. Blanford Contrib. to Ind. Malac. VI.  
1866. p. 6.

Habitat in montibus Nilgiris Indiae meridionalis.

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19. (14.) **monticola** Bens. (Coll. Nr. 11.) A<sup>2</sup>. 44. — Bengalia, Hima-  
layah. (II. 497.)

20. (85.) **Scutella** Bens. † — Mont. Khasia Indiae, Kaschmir.  
(IV. 798.)

21. (15.) **Bensoni** Pfr. — A<sup>2</sup>. 44. — India, Calcutta. (II. 497.)

22. (16.) **Birmanica** Phil. — Mergui Birmanorum. (II. 498.)

23. **V. Cochinchinensis Morelet.** †

«T. depresso-globosa, tenuissima, tenere striata et lineis  
spiralibus nonnullis, vix impressis, superne notata, pellucida,  
nitida, viridi-cornea; spira brevis, obtusa, vix prominula; sutura  
anguste marginata; anfr.  $3\frac{1}{2}$  celeriter crescentes, ultimus in-  
flatus, depresso globosus, utrinque convexus, basi subrugulo-  
sus; apertura perobliqua, ovato-rotundata; peristoma simplex,  
tenuis, margine columellari stricto. — Diam. maj. 23, min. 18,  
alt. 12 mill.» (M.)

*Vitrina Cochinchinensis* Morel. in Journ. Conch. XIV. 1866. p. 62.  
Habitat Dien-ba Cochinchinae.

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24. (86.) **Salus** Bens. † — Darjiling, Teria Ghat. (IV. 799.)

25. **V. rhapsiella Martens.** †

«Testa rimata, depresso globosa, tenuis, vix striatula,  
valde nitida, pallide lutea; spira obtusa, depressa, sutura opace  
alba; anfr. 3, ultimus convexus, prope aperturam intensius  
lutescens et ad suturam anfractui praecedenti late adnatus;  
apertura diagonalis, rotundata, ampla; peristoma rectum,



simplex, obtusiusculum, marginibus callo distincto junctis, columnellari valde arcuato. — Diam. maj.  $7\frac{1}{2}$ , min. 6, alt. 5; apert. long.  $4\frac{1}{2}$ , lat. 4 mill.» (v. M.)

*Helicarion raphiellus* Mart. Ostas. Zool. II. p. 69. t. 12. f. 9.  
Habitat in Siam.

## 26. **V. russeola** Morelet. †

«T. subperforata, globoso-depressa, tenuissima, pellucida, nitens, infra suturas radiatim striolata, corneo-fulva; spira convexiuscula; sutura submarginata; anfr. 3 celeriter crescentes, ultimus basi dilatatus: apertura valde obliqua, semi-ovalis, marginibus simplicibus, rectis. — Diam. maj. 7, min. 6, altit.  $4\frac{1}{2}$  mill.» (M.)

*Vitrina russeola* Morel. in Journ. Conch. XIII. 1865. p. 225.  
Habitat in Cochinchina.

## 27. **V. unguiculus** Morelet. †

«T. depressa, superne convexa, subtus aperta, tenuis, nitens, pallide cornea, sub lente striatula et sulcis distantibus ad verticem decussatula; spira parvula, lateralis; sutura marginata; anfr. 2 convexi, subtus angustissimi, usque ad verticem patentes, ultimus permagnus, basi membranaceus; apertura horizontalis, auriformis; perist. simplex, rectum. — Diam. maj. 9, min. 6, altit. 3 mill.» (M.)

*Vitrina unguiculus* Morel. in Journ. Conch. XIII. 1865. p. 225.  
Habitat in Cochinchina.

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28. (18.) **baccata** Hutt. † — Afghanistan. (III. 2.)

29. (17.) **Gruneri** Pfr. (Coll. Nr. 12.) Arabia. (II. 498.)

30. (87.) **exilis** Morel. † — A<sup>2</sup>. 43. — Kamtschatka. (IV. 799.)

## §. 3.

31. (19.) **Cumingi** Beck. (Coll. Nr. 13.) *Nanina Cumingi* (Helicarion) A<sup>2</sup>. 47. — Bohol Philippinar. (II. 498.)

32. (20.) **bicolor** Beck. (Coll. Nr. 14.) *Nanina bicolor* (Helicarion) A<sup>2</sup>. 47. — Guimaras Philippinar. (II. 499.)

33. (21.) **Guimarasensis** Pfr. (Coll. Nr. 15.) Guimaras Philippinar. (II. 499.)

34. (22.) **Beckiana** Pfr. (Coll. Nr. 16.) Ins. Philippin. (II. 499.)

35. (23.) **politissima** Beck. (Coll. Nr. 17.) Ins. Zebu Philippinar. (II. 499.)

36. (24.) **Leytensis** Beck. (Coll. Nr. 18.) Ins. Leyte, Siquijor Philippinar. (II. 500.)

37. (25.) **margarita** Beck. (Coll. Nr. 19.) Ins. Guimaras, Leyte Philippinar. (II. 500.)

38. (26.) **gutta** Pfr. (Coll. Nr. 20.) Ins. Luzon. (II. 500.)

39. (27.) **rufescens Pfr.** (Coll. Nr. 21.) Ins. Mindoro. (II. 504.)  
 40. (28.) **smaragdulus Beck.** — Ins. Negros Philippinar. (II. 504.)  
 41. (29.) **crenularis Beck.** (Coll. Nr. 22.) Ins. Negros, Zebu Philippinar. (II. 504.)  
 42. (30.) **resiliens Beck.** — *Nanina resiliens* (Helicarion) A<sup>2</sup>. 47. — Ins. Zebu Philippinar. (II. 504.)  
 43. (31.) **Luzonica Pfr.** — Ins. Luzon. (III. 3.)

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44. (32.) **papillata Pfr.** — Ins. Luzon. (II. 502.)  
 45. (33.) **planulata Pfr.** — Ins. Luzon. (II. 502.)  
 46. (34.) **aperta Beck.** — Ins. Luzon. (II. 502.)  
 47. (35.) **fasciata Soul. †** — Ins. Philippin. (IV. 792.)  
 48. (36.) **irradians Pfr.** (Coll. Nr. 23.) Ceylon. (III. 3.)  
 49. (37.) **Edgariana Bens. †** — Ceylon. (IV. 792.)  
 50. (38.) **membranacea Bens. †** — Ceylon. (IV. 792.)  
 51. (39.) **Ceylanica Beck. †** — Ceylon. (II. 503 adnot. ad Nr. 34.)  
 52. (40.) **Borneensis Pfr.** — *Helicarion Borneensis* Mart. Ostas. Zool. II. p. 486. — Borneo. (IV. 793.)  
 53. (41.) **Idae Pfr.** — *Helicarion Idae* Wallace in Proc. Zool. Soc. 1865. p. 405: Buru. — Mart. Ostas. Zool. II. p. 486. — Celebes. (IV. 793.)  
 54. (42.) **Celebensis Pfr.** — *Helicarion Celebensis* Mart. Ostas. Zool. II. p. 486. — Celebes. (IV. 793.)

### 55. **V. suturalis Martens. †**

« Testa subglobosa, striatula, nitidissima, luteo-viridula, ad suturam distinctius striata et zona opaca alba picta; spira brevis, convexa, obtusa; sutura profundiuscula, marginata; anfr. 4, ultimus rotundatus; apertura subdiagonalis, ampla, lunato-rotundata; margo columellaris subperpendicularis, basalis recedens, perarcuatus, margo superus antrorsum rotundatus, ad suturam recedens. — a) Diam. maj. 15, min. 12, alt. 10; apert. long. 9, lat. 8½ mill. — b) Diam. maj. 20, min. 15½, alt. 12; apert. long. 11½, lat. 10½ mill. » (v. M.)

*Helicarion suturalis* Mart. Ostas. Zool. II. p. 483. t. 12. f. 2.  
 t. 5. f. 9. a. b. c.

Habitat in insula Buru Moluccarum.

### 56. **V. lineolata Martens. †**

« Testa subdepressa, perforata, distincte striatula et lineis spiralibus subtilissimis sculpta, valde nitida, pallide lutea, infra pallidior, ad suturam zona angusta opaca lutea picta; spira brevis, convexa, conica; sutura sat profunda, radiatim plicatula; anfr. vix 4, ultimus rotundatus; apertura paulum obliqua, late lunata; margo columellaris subperpendicularis, solum ad insertionem breviter reflexus, margo basalis et externus nec antrorsum convexi nec recedentes. — a) Diam. maj. 19,

min.  $14\frac{1}{2}$ , alt. 12; apert. long. et lat. 11 mill. — b) Diam. maj. 12, min. 9, alt. 8; apert. long. 7, lat.  $6\frac{1}{2}$  mill.» (v. M.)

*Helicarion lineolatus* Mart. Ostas. Zool. II. p. 184. t. 12. f. 4.  
Habitat Sumatra (b), Java (a).

57. **V. sericea Martens.** †

«Testa depresse-subglobosa, perforata, striatula, sericeo-nitens, pallide griseofusca, ad suturam zona fusca, dein lutea picta; spira depressa, obtusissima; sutura plane superficialis, sculptura nulla insignita; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus rotundatus; apertura diagonalis, late lunata; margo columellaris subperpendicularis, reflexiusculus, basalis et externus non antrorsum convexi, nec recedentes. — Diam. maj. 14, min. 12, alt. 9; apert. long. 8, lat.  $7\frac{1}{2}$  mill.» (v. M.)

*Helicarion sericeus* Mart. Ostas. Zool. II. p. 185. t. 12. f. 1.  
Habitat in insula Timor.

58. **V. albella Martens.** †

«Testa depresse globosa, semiobtecte perforata, tenuis, nitida, leviter striatula, albida, zona suturali opace alba; spira convexa; anfr. 4 convexiusculi, sutura mediocriter profunda, ultimus rotundatus; apertura diagonalis, late lunata; peristoma rectum, obtusum, margine basali arcuato, columellari primum subverticali, ad insertionem breviter reflexo. — Diam. maj. 9, min.  $7\frac{1}{2}$ , alt.  $6\frac{1}{2}$ ; apert. lat. 5, alt.  $4\frac{1}{2}$  mill.» (v. M.)

*Helix Wonosariensis* Mouss. in coll.

*Helicarion albellus* Mart. Ostas. Zool. II. p. 186.

Habitat Wonosari in parte orientali insulae Javae.

Obs. «Similis *Helicarioni raphiello*, Siamensi, sed sutura non ut in illo ad anfractum praecedentem appressa est.»

§. 4.

59. (43.) **hians Rüpp.** (Coll. Nr. 24.) Abyssinia. (II. 503.)
60. (44.) **Sowerbyana Pfr.** (Coll. Nr. 25.) Africa occidentalis. (II. 503.)
61. (45.) **Rüppelliana Pfr.** (Coll. Nr. 26.) A<sup>2</sup>. 44. — Abyssinia. (II. 503.)
62. (46.) **grandis Beck.** (Coll. Nr. 27.) *Helicophanta formosa* Jonas. — Senegal. (II. 504.)
63. (47.) **sigaretina Recl.** (Coll. Nr. 28.) A<sup>2</sup>. 44. — Africa interior. (II. 505.)
64. (48.) **Natalensis Krauss.** (Coll. Nr. 29.) A<sup>2</sup>. 44. — Port. Natal. (II. 505.)
65. (49.) **Pöppigi Menke.** (Coll. Nr. 30.) Port. Natal. (II. 504.)
66. (50.) **cornea Pfr.** (Coll. Nr. 31.) Port. Natal. (II. 505.)
67. (51.) **Plantii Pfr.** (Coll. Nr. 32.) Natal. (IV. 794.)

68. (52.) **pellicula Fér.** (Coll. Nr. 33?) *Helicolimax pellicula Fér.* — Promont. bonae spei. (II. 505.)  
 69. (53.) **Abyssinica Rüpp.** — Abyssinia. (II. 505.)  
 70. (54.) **Darnaudi Pfr.** (Coll. Nr. 34.) *A<sup>2</sup>. 44.* — Sennaar Nubiae. (IV. 794.)  
 71. (55.) **Sennaariensis Pfr.** (Coll. Nr. 35.) Sennaar Nubiae. (IV. 794.)

## §. 5.

72. (56.) **Comorensis Pfr.** — Ins. Mayotte Comorensium. (IV. 795.)  
 73. (57.) **Lamarcki Fér.** (Coll. Nr. 36.) *A<sup>2</sup>. 43.* — *Helicolimax Lamarckii Fér.* — *Vitrina Teneriffae Quoy.* — Ins. Canariae. (II. 506 exclusis synonymis Loweanis.)  
 74. (58.) **fasciolata Fér. †** — *Helicolimax fasciolata Fér.* — Teneriffa. (II. 506.)  
 75. (59.) **Blauneri Shuttl. †** — *A<sup>2</sup>. 43.* — Teneriffa. (III. 4.)  
 76. (60.) **Ruivensis Couth.** (Coll. Nr. 37.) *A<sup>2</sup>. 44.* — *Vitrina Behnii Lowe.* (II. 507. III. 4.)  
 77. (61.) **media Lowe. †** — Madera, Portosancto. (IV. 795.)  
 78. (62.) **nitida Gould.** (Coll. Nr. 38.) *A<sup>2</sup>. 44.* — *Vitrina Lamarckii Lowe, marcida Gould.* — Madera. (II. 507. IV. 796.)

79. **V. Bocagei Paiva. †**

«T. helicoidea, subhaliotidiformis, parvula, subinflato-depressa, succineo-pellucida, lutescenti-rubella, tenuis, membranacea, nitidissima, carinata; spira subcentralis, apice depressiuscula; sutura impressa; anfr. 3, penultimus turgidus, amplus, albus, ultimus distincte acute carinatus, carina exacte media, supra carinam transverse rugosus, rugis obliquis, completis, concentricis, infra carinam obsoletis, ad centrum evanescentibus; peristoma simplex, tenue, in angulum acutum medio productum. — Diam. 3—4, alt. 2½, axis 2 mill.» (De Paiva.)

*Vitrina Bocagei Paiva* in Journ. Conch. XIV. 1866. p. 340.  
 t. 11. f. 4.

Habitat rarissima ad montes insulae Maderae.

80. **V. dumeticola Dohrn.**

«Testa depressa, ovata, tenuissima, subtiliter striata, nitidissima, vitraceo-cornea; spira vix elevata; sutura impressa; anfr. 3 vix convexi, rapide accrescentes, ultimus rotundatus, basi paullulum convexior; apertura obliqua, ampla, lunato-rotundata, latior quam altior; perist. margo superior dilatatus, columellaris recedens, valde arcuatus; margo anfractuum internus conspicuus. — Diam. maj. 9, min. 6¾, alt. 5¾; apert. lat. 6½ mill.» (Coll. Nr. 39.)

*Vitrina dumeticola Dohrn* in Malak. Bl. XIII. 1866. p. 119.  
 t. 5. f. 1—4.

Habitat in insula Principis sinus Guineensis.

## §. 6.

81. **V. planilabris Cox. †**

« Vit. testa auriformi, valde depressa, tenui, translucente, polita, epidermide olivaceo-viridi induta, leviter striata et (sub lente) lineolis paucis depressis spiralibus; spira pusilla, vix prominente, nucleo albido; anfractibus tribus, ultimo peramplo, planato, exterius convexo; apertura lunato-ovata, intus margaritacea, peristomate tenui, margine columellari pertenui, plano, extus carinato. — Diam. maj. 0,80, min. 0,50, alt. 0,26; apert. 0,55 + 0,42 unc. » (C.)

*Vitrina planilabris Cox* in Proc. Zool. Soc. 1865. p. 697;  
Journ. Conch. XIV. 1866. p. 45.

Habitat in regione «New-South-Wales» dicta Aústraliae.

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- 82. (63.) **Milligani Pfr.** — Vandiemensland. (III. 4.)
- 83. (64.) **Freycineti Fér.** — *Helicarion Freycineti Fér.* — *Nanina Freycineti* (Helicarion) *A*<sup>2</sup>. 47. — Port Jackson. (II. 508.)
- 84. (65.) **Cuvieri Fér.** — *Helicarion Cuvieri Fér.* — *Nanina Cuvieri* (Helicarion) *A*<sup>2</sup>. 47. — *Vitrina Australasiae Blv.?* — Australia. (II. 507.)
- 85. (66.) **leucospira Pfr.** — Australia. (IV. 796.)
- 86. (67.) **Verreauxi Pfr.** — *A*<sup>2</sup>. 44. — Australia. (III. 5.)
- 87. (68.) **castanea Pfr.** (Coll. Nr. 40.) *A*<sup>2</sup>. 44. — Australia. (III. 5.)
- 88. (69.) **robusta Gould. †** — Nova Hollandia. (II. 508.)
- 89. (70.) **nigra Quoy. †** — Port Western Novae Hollandiae. (II. 509.)
- 90. (71.) **Strangei Pfr.** (Coll. Nr. 41.) *A*<sup>2</sup>. 44. — Brisbane Novae Hollandiae. (III. 5.)
- 91. (72.) **hyalina Pfr.** — Moreton-Bay Australiae. (IV. 797.)
- 92. (73.) **Keppelli Pfr.** — Nova Caledonia. (III. 622.)
- 93. (74.) **zebra Guill. †** — Ins. Auckland. (II. 509.)
- 94. (75.) **tenella Gould. †** — Ins. Kauai Sandwich. (II. 509.)
- 95. (76.) **caperata Gould. †** — Ins. Kauai Sandwich. (II. 509.)
- 96. (77.) **planospira Pfr.** — Ins. Salomonis. (III. 623.)
- 97. (78.) **aurea Pfr.** — Ins. Salomonis. (IV. 798.)
- 98. (79.) **virens Pfr.** (Coll. Nr. 42.) Moreton-Bay Australiae. (II. 510.)
- 99. (80.) **dimidiata Pfr.** — Nova Seelandia. (III. 6.)

## §. 7.

- 100. (81.) **Angelicae Beck.** — *A*<sup>2</sup>. 43. — *Binn. Terr. Moll.* IV. p. 32. t. 79. f. 9. — *Helix pellucida Fabr.* — Grönlandia. (II. 509.)
- 101. (82.) **limpida Gould.** (Coll. Nr. 43.) *Vitrina americana Pfr.*, *pellucida De Kay.* — Status Uniti. (III. 6.)

102. **V. Sumichrasti Brot. †**

« T. auriformis, depressa, diaphana, fusculo-cornea, laevigata, nitidissima; striis incrementi crebris parum conspicuis;



anfr.  $2\frac{1}{2}$  celeriter crescentes, ultimus maximus, deflexus, superne antrorsum dilatatus; spira vix prominula; sutura distincta; apertura ampla, subcircularis; columella late albo-limbata, subincrassata. — Alt.  $6\frac{1}{2}$ , diam. max. 12, min.  $9\frac{1}{2}$  mill.; apert. diam. max.  $8\frac{1}{2}$ , min.  $8\frac{1}{4}$  mill.» (B.)

*Vitrina Sumichrasti* Brot in Journ. Conch. XV. 1867. p. 70.  
t. 4. f. 2.

Habitat in republica mexicana (Sumichrast).

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103. (83.) **mexicana Beck.** † — Mexico. (II. 510 adnot. ad Nr. 54.)

### §. 8.

104. (84.) **fumosa Pfr.** — Habitat? (II. 510.)

Species, quarum definitiones non vidi:

*Vitrina angulosa* Morel. et Drouet Moll. terr. Açor. 1860.

— *brevispira* Mor. et Dr. l. c.

— *brumalis* Mor. et Dr. l. c.

— *fnitima* Mor. et Dr. l. c.

— *laxata* Mor. et Dr. l. c.

— *Letourneuxi* Bourg. Malac. Alg. Fasc. VI. 1865.

— *mollis* Mor. et Dr. l. c.

— *pelagica* Mor. et Dr. l. c.

## V. Simpulopsis Beck.

*Pfr.* Mon. Helic. IV. p. 799. — *Albers* Helic. ed. *Martens* p. 308: genus XXXII Heliceorum (Succineorum).

Conspectus specierum.

- |                                 |                |
|---------------------------------|----------------|
| A. Distincte plicatae . . . . . | §. 1. Nr. 1—6. |
| B. Decussatae . . . . .         | §. 2. — 7.     |
| C. Sublaevigatae . . . . .      | §. 3. — 8—18.  |

### §. 1.

1. **Miersi Pfr.** — Brasilia. (IV. 800.)

2. **obtusa Sow.** (Coll. Nr. 1.) *A*<sup>2</sup>. 309. — *Succinea obtusa* Sow. — *Helix obtusa* Fér., *Brasiliensis* Moric. — *Vitrina obtusa* et *Brasiliensis* Pfr. — Brasilia. (II. 511.)

3. **rufovirens Moric.** (Coll. Nr. 2.) *A*<sup>2</sup>. 309. — *Succinea rufovirens Moric.* — *Vitrina rufovirens Pfr.* — Brasilia. (II. 511.)
4. **sulculosa Fér.** (Coll. Nr. 3.) *A*<sup>2</sup>. 309. — *Helix sulculosa Fér.* — *Succinea sulculosa Gray.* — *Vitrina sulculosa Pfr.* — Brasilia. (II. 512.)
5. **Salomonina Pfr.** — *Simpulopsis Salomonis A*<sup>2</sup>. 309. — *Vitrina Salomonina Pfr.* — Ins. Salomonis. (III. 623.)
6. **angularis Fér. †** — *Helix angularis Fér.* — *Vitrina angularis Gray.* — *Succinea angularis Pfr.* — Isle de France? (II. 512.)

## §. 2.

7. **decussata Pfr.** — Rio Janeiro Brasiliae. (IV. 800.)

## §. 3.

8. **S. Cumingi Pfr.**

T. subglobosa, tenuissima, leviter et irregulariter plicatula, pellucida, vix nitida, virenti-cornea; spira minuta, in papillam minimam desinens; anfr. 3, ultimus perinflatus; columella regulariter arcuata, simplex; apertura obliqua, rotundato-ovalis, intus nitidissima; perist. simplex, expansiusculum. — Diam. maj. 20<sup>1</sup>/<sub>2</sub>, min. 19<sup>1</sup>/<sub>2</sub>, alt. 12 mill. (Mus. Cuming.)

*Simpulopsis Cumingi Pfr.* in Proc. Zool. Soc. 1861. p. 27. t. 3. f. 2; Malak. Bl. 1861. p. 84.

Habitat in republica mexicana.

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9. (8.) **atrovirens Moric.** (Coll. Nr. 4.) *A*<sup>2</sup>. 309. — *Helix atrovirens Moric.* — *Vitrina atrovirens Jay.* — Brasilia. (II. 511.)
10. (9.) **Portoricensis Shuttl.** (Coll. Nr. 5.) *A*<sup>2</sup>. 309. — Portorico. (IV. 801.)
11. (10.) **Salleana Pfr.** (Coll. Nr. 6: Orizaba, Botteri.) Veracruz reipubl. mexicanae. (IV. 801.)
12. (11.) **Cordovana Pfr.** — Cordova reipubl. mexicanae. (IV. 801.)

13. **S. aenea Pfr.**

T. conico-globosa, tenuis, confertissime striata, pellucida, aeneo-micans, olivaceo-cornea; spira brevis, conica; anfr. 2<sup>1</sup>/<sub>2</sub>, superus convexus, ultimus inflatus; apertura diagonalis, ovalis, intus nitidior; columella filaris; perist. simplex, rectum, marginibus callo tenuissimo albido junctis. — Diam. maj. 9, min. 8, alt. 5<sup>1</sup>/<sub>2</sub> mill. (Coll. Nr. 7.)

*Simpulopsis aenea Pfr.* in Proc. Zool. Soc. 1861. p. 27; Malak. Bl. 1861. p. 84.

Habitat Parada reipublicae mexicanae (Sallé).

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14. (12.) **Chiapensis Pfr.** — Chiapa reipubl. mexicanae. (IV. 802.)  
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15. (13.) **progastor Orb. †** — *Helix progastor Orb.* — *Succinea progastor Beck.* — *Vitrina progastor Pfr.* — Brasilia. (II. 527. III. 7.)
- 16.? (14.) **Boissieri Moric.** (Coll. Nr. 8.) *Bulimus Boissieri Moric.* — *Bulimulus Boissieri* (Eudiotus) A<sup>2</sup>. 223. — Brasilia. (II. 149.)
- 17.? (15.) **citrinovitrea Moric.** (Coll. Nr. 9.) *Helix citrinovitrea Moric.* — *Bulimus citrinovitrea Desh.* — *Bulimulus citrinovitrea* (Eudiotus) A<sup>2</sup>. 223. — Bahia Brasiliae. (II. 149.)
18. (16.) **Dominicensis Pfr.** (Coll. Nr. 10.) A<sup>2</sup>. 309. — Ins. Haiti. (IV. 802.)

## VI. Succinea Draparnaud.

*Pfr. Mon. Helic. p. 803. — Albers Helic. ed. Martens p. 309:*  
 genus Heliceorum (Succineorum). Sectiones: *Amphibulima* p. 309,  
*Succinea* p. 310, *Brachyspira* p. 311, *Omalonyx* p. 311.

### Conspectus specierum.

#### A. Spira subnulla vel punctiformis: *Helisiga*, *Omalonyx*.

a. Africanæ . . . . .	§. 1. Nr.	1.
b. Australicæ . . . . .	§. 2. —	2— 3.
c. Ex America continentali	§. 3. —	4— 6.
d. Ex India occidentali .	§. 4. —	7— 9.

#### B. Spira brevissima, anfr. 2 — 2<sup>1</sup>/<sub>2</sub>:

##### *Brachyspira*.

a. Europææ . . . . .	§. 5. —	10.
b. Asiaticæ . . . . .	§. 6. —	11— 17.
c. Africanæ . . . . .	§. 7. —	18— 20.
d. Australicæ . . . . .	§. 8. —	21— 27.
e. Ex America continentali	§. 9. —	28— 33.
f. Ex India occidentali .	§. 10. —	34— 36.

#### C. Spira brevis; anfractus ultimus angulatus: *Amphibulima*.

a. Australicæ . . . . .	§. 11. —	37.
b. Americanæ . . . . .	§. 12. —	38.

#### D. Spira mediocris, subconica:

##### *Tapada*.

a. Europææ . . . . .	§. 13. —	39— 54.
b. Asiaticæ . . . . .	§. 14. —	55— 71.
c. Africanæ . . . . .	§. 15. —	72— 82.
d. Australicæ . . . . .	§. 16. —	83— 109.

- e. Ex America continentali §. 17. Nr. 110—155.  
 f. Ex India occidentali . . §. 18. — 156—174.  
 g. Patriae ignotae . . . §. 19. — 175.

## §. 1.

1. **St. Helenae Less.** (Coll. Nr. 1.) *Helisiga St. Helenae Less.* — Ins. St. Helena (II. 518.)

## §. 2.

2. **explanata Gould.** † — Otia conch. p. 223. — Ins. Sandwich. (III. 13.)  
 3. **putamen Gould.** † — Ins. Upolu. (II. 522.)

## §. 3.

4. **unguis Fér.** (Coll. Nr. 2.?) *Omalonyx A<sup>2</sup>. 312.* — *Helix unguis Fér.* — *Testacellus Gayanus et Guadeloupensis Less.* in Rev. zool. 1838. p. 249. — *Testacella Matheronii Pot. et Mich. Gal. Douai* p. 63. — *Testacella Antillarum et Guadelupensis Grat.* Distrib. Limac. p. 16. — *Omalonyx unguis Mörch* in Journ. Conch. XIII. p. 394. — Bolivia, Paraguay, Guadeloupe? (II. 527.)  
 5. **Gayana Orb.** — *Omalonyx A<sup>2</sup>. 312.* — Ins. Juan Fernandez. (III. 49.)  
 6. **Cumingi Pfr.** (Coll. Nr. 3.) *Omalonyx A<sup>2</sup>. 312.* — Ins. Juan Fernandez. (III. 20.)

## §. 4.

7. **haliotideia Mittre.** † — Martinique. (II. 530.) An = *S. unguis Fér.*?  
 8. **depressa Rang.** † — *Pellicula depressa Mörch* in Journ. Conch. XIII. p. 384. — Guadeloupe. (II. 531.)  
 9. **appendiculata Pfr.** (Coll. Nr. 4.) — Guadeloupe. (II. 531.)

## §. 5.

10. **bullina Fér.** † — *Helix bullina Fér.* — Carniolia? (II. 516.)

## §. 6.

11. **rugosa Pfr.** (Coll. Nr. 5.) Pondichery. (II. 517.)  
 12. **Baconi Pfr.** (Coll. Nr. 6.) Calcutta. (IV. 804.)  
 13. **semiserica Gould** Otia conch. p. 499. — Tavoy Birmanorum. (III. 10. IV. 805.)  
 14. **Guamensis Pfr.** (Coll. Nr. 7.) *Helix putris* ε *Fér.* Hist. t. 11 A. f. 10. — *Succinea pacifica Beck.* — Ins. Guam. (IV. 805.)

15. **S. Cochinchinensis Pfr.**

T. depresso ovata, tenuis, ruguloso-striata, pellucida, albido-cornea; spira parvula, subpapillata; anfr. 2½, ultimus magnus, obliquus, basi subcompressus; columella filaris, callosa, sub-torta; apertura obliqua, angulato-ovalis, intus submargaritacea,

antice non incumbens; perist. simplex, margine dextro subflexuoso. — Diam. maj.  $11\frac{1}{2}$ , min.  $6\frac{2}{3}$ , alt.  $4\frac{1}{2}$  mill. Apert. 10 mill. longa. (Mus. Cuming.)

*Succinea Cochinchinensis* Pfr. in Proc. Zool. Soc. 1863. p. 525.  
Habitat in Cochinchina.

### 16. **S. tenuis** Morelet. †

«T. ovata, tenuis, pellucida, nitida, oblique ruguloso-plicata, pallide cornea; spira parvula, obtusiuscula; anfr. 2, ultimus permagnus; columella stricta, filaris; apertura ampla, acuminato-ovalis, leviter incumbens basi rotundata; perist. tenue, rectum, margine dextro arcuato. — Altit. 11, diam. 7 mill.» (M.)

*Succinea tenuis* Morel. in Journ. Conch. XIII. 1865. p. 225.  
Nec Gundl.

Habitat in Cochinchina.

Obs. Nonne praecedenti nimis affinis?

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17. (15.) **Borneensis** Pfr. — Borneo. (III. 11.)

### §. 7.

18. (16.) **picta** Pfr. (Coll. Nr. 8.) *Succinea* A<sup>2</sup>. 310. — *Succinea imperialis* Bens. — Ins. St. Helena. (III. 12.)

19. (17.) **patentissima** Menke. (Coll. Nr. 9.) *Brachyspira* A<sup>2</sup>. 311. — Port. Natal. (III. 623.)

20. (18.) **Planti** Pfr. (Coll. Nr. 10.) Natal. (IV. 805.)

### §. 8.

21. (19.) **cepulla** Gould. (Coll. Nr. 11.) Ins. Hawaii Sandwich. (II. 519.)

22. (20.) **rotundata** Gould. (Coll. Nr. 12.) *Succinea Newcombi* Pfr. — Ins. Oahu Sandwich. (II. 522. IV. 806.)

23. (21.) **fragilis** Soul. † — Ins. Sandwich. (IV. 806.)

24. (22.) **papillata** Pfr. — Ins. Tahiti. (III. 14.)

25. (23.) **patula** Migh. † — Ins. Oahu Sandwich. (II. 521.)

26. (24.) **punctata** Pfr. (Coll. Nr. 13.) Ins. Hawaii Sandwich. (IV. 807.)

27. (25.) **vesicalis** Gould. (Coll. Nr. 14.) Ins. Sandwich. (II. 523. III. 14.)

### §. 9.

28. (26.) **aperta** Lea. † — Columbia-River. (II. 524.)

29. (27.) **effusa** Shuttl. (Coll. Nr. 15.) *Binn. Terr. Moll.* IV. p. 41. t. 80. f. 12. — *Brachyspira* A<sup>2</sup>. 311. — Florida orient. (III. 17.)

30. (28.) **recisa** Mor. † — Guatemala. (III. 18.)

... (29.) *Magellanica* Gould vid. Nr. 152 in §. 17.)

31. (30.) **semiglobosa** Pfr. (Coll. Nr. 16.) *Omalonyx* A<sup>2</sup>. 312. — Ins. Masafuera, Chile. (II. 528.)

32. (31.) **mamillata Beck.** † — *Succ. patula* King. — Ins. Juan Fernandez. (II. 528.)  
 33. (32.) **pinguis Pfr.** (Coll. Nr. 17.) *Succinea* A<sup>2</sup>. 310. — Ins. Masafuera. (II. 529.)

## §. 10.

34. (33.) **contorta Adams.** † — Jamaica. (II. 529.)  
 35. (34.) **tigrina Lesueur.** † — *Helix tigrina* Fér. — Ins. St. Vincentii. (II. 530.)  
 36. (35.) **rubescens Desh.** (Coll. Nr. 18.) *Succinea* A<sup>2</sup>. 310. — *Drouët* Moll. Guyan. p. 49. — *Helix rubescens* Fér. — Guadeloupe. (II. 531.)

## §. 11.

37. (36.) **Bernardii Recl.** — *Amphibulima* A<sup>2</sup>. 310. — *Otina?* *Bernardii* Martens in Trosch. Arch. f. Naturg. 1858. I. p. 149. t. 4. f. 3. Conf. *Martens* in Malak. Bl. VI. 1859. p. 58. — Taheiti. (IV. 807.)

## §. 12.

38. (37.) **patula Brug.** (Coll. Nr. 19. St. Kitts: Hartvig.) *Amphibulima* A<sup>2</sup>. 310. — *Bulimus patulus* Brug. — *Amphibulima cucullata* Lam. — *Helix patula* Fér., *cucullata* Schweigg. — *Succinea cucullata* Lam. — Guadeloupe. (II. 532. III. 24.)

## §. 13.

39. **S. Dunkeri Zelebor.**

T. elongato-oblonga, tenuis, pellucida, cornea, albido et carneo irregulariter striata; spira brevis, subacuminata; anfr. vix 3, ultimus rugoso-plicatus, basi vix angustatus; apertura obliqua, non incumbens, elongato-ovalis, superne acuminata, intus submargaritacea; perist. simplex, rectum, margine dextro subflexuoso, basali rotundato, columellari sursum plicula alba callosa intrante munito. — Long. 23, diam.  $9\frac{1}{2}$ , alt. 7 mill. Apert. 17 mill. longa, medio 7 lata. (Coll. Nr. 20.)

*Succinea Dunkerii* Zeleb. mss.; *Pfr.* in Malak. Bl. XII. 1865. p. 404.

— — *Pfr.* Novit. conch. Fasc. XXIII. p. 282. Nr. 397. t. 69. f. 9. 10.

Habitat in Dobrudscha (Zelebor).

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40. (38.) **putris Linn.** (Coll. Nr. 21.) *Succinea* A<sup>2</sup>. 310. — *Bielz* Faun. Siebenb. p. 36. — *Neritostoma Mörch* Moll. Dan. p. 32\*).

\*) Cl. *Mörch* (Syn. moll. Dan. p. 32) species in *Dania* obvias sequente modo enumerat:

A. in subgenere *Neritostoma* Klein.

1. *S. putris* Linn.: t. oblongo-ovalis, fulva, spira producta acuta;



— *Helix putris* Linn., *succinea* Müll., *limosa* Linn.? — *Bulimus succineus* Brug. — *Succinea amphibia* Drap. — Var.? *Succ. major* Risso. — Var.? *minor*, *ventrosior* et *obtusior*: *S. Charpentieri* Dumont et Mort. Bull. Inst. genèv. 1856. IV. p. 310; *Revue Savoie*. 1860. Déc.; *Bourg.* in *Rev. et Mag. Zool.* 1862. p. 435. (Helvetia.) — Europa. (II. 513.)

41. (39.) **acuta** Pfr. — Britannia. (III. 8.)

42. (40.) **Pfeifferi** Rossm. (Coll. Nr. 22.) *Stabile* Prosp. moll. Lugan. p. 17. — *Succinea* A<sup>2</sup>. 311. — *Bielz* Faun. Siebenb. p. 36. — *Amphibina* Mörch Moll. Dan. p. 33. — *Succ. oblonga* Turt., *intermedia* Bean, *gracilis* Ald., *calycina* Mke., *levantina* Desh., *Meditolanensis* Villa, *Banatica* Stentz. — Var. ε: *Mortilleti* *Stabile* Moll. viv. Piém. 1864. p. 27. — Europa, Abyssinia, Liberia. (II. 514.)

43. (41.) **ochracea** De Betta. † — *Succinea Pfeifferi* var. A<sup>2</sup>. 311. — *Tirolia italica*. (III. 623.)

44. (42.) **elegans** Risso. — *Succinea putris* var. δ? Pfr. Mon. II. p. 514. — *Succ. longiscata* Dupuy, *corsica* Shuttl. — Italia, Gallia meridionalis. (IV. 808.)

#### 45. **S. megalonyxia** Bourguignat. †

« Testa oblongo-piriformi, fragili, diaphana, irregulariter transverseque ruguloso-striata; luteola; spira valde contorta, brevi; apice acuto; anfractibus 4 velociter accrescentibus; superioribus parvulis, argute striatulis; ultimo maximo, dilatato, ruguloso,  $\frac{3}{4}$  longitudinis attingente, vel paululum superante;

striae incrementi rudes; sutura subito descendens; long. 22, long. apert. 14 mill.

2. *S. trianfracta* (D. Costa): t. late ovalis, laevis, cinereo-fulva; spira brevis, obtusa; sutura profunda; long. 16, lat. 9; long. apert. 11, lat. 6 mill. (*Succinea putris* Forb. et Hanl. — *S. Charpentieri* Dum. et Mort.?)

3. *S. gracilis* Alder: t. membranacea, pallide flava, subcylindrica; spira obtusa, anfractibus convexis; long. 15, lat.  $6\frac{1}{2}$  mill. (*S. oblonga* Leach, Turt. Man. 1831. p. 92. — *S. Pfeifferi* Gray in Turt. Man. 1840. p. 179. f. 74.)

4. *S. albida* Hartm.?: t. virescente-flava, anfr. 3 convexis, sutura impressa, apice acutiusculo rubescente. Apertura brevis. Forma *S. arenariae*, sed long. 12, lat. 7, long. apert. 7, lat. 5 mill. (*Amphibina putris* A. *albida* Hartm. Neue Alpina I. p. 247. — Fér. t. 11. f. 11?)

B. in subgenere *Amphibina* Hartm.

5. *S. Pfeifferi* Rossm.

6. *S. intermedia* Bean: t. acuminato-ovalis, flavescens; spira prominens rosea, apice obtuso; sutura impressa, descendens; long. 9, diam. 5, long. apert. 6, diam. 3 mill. (*S. amphibia* δ *minor* Cooper Mag. of N. H. New ser. 1838. Sept. v. 2. p. 476. f. 5. 6. — A. *similis* Hartm. Neue Alpina 1821. I. p. 247? — Jun. *S. baltica* Eichw. Bull. Mosc. 1849. t. 22. 2. p. 466?)

7. *S. oblonga* Drap.

8. *S. arenaria* Bouch.

9. *S. sp. grönlandicae* aff.

apertura maxima, obliqua, oblonga, ad basin dilatata; peristomate simplice; columella arcuata, ad basin aperturae non attingente. — Long. 18, diam. 8; apert. alt. 13, lat.  $7\frac{1}{2}$  mill.» (B.)

*Succinea megalonyxia* Bourg. in Rev. et Mag. Zool. 1859.  
p. 54.

Habitat in monte Gibilmanna prope Cefalù Siciliae (Costa).

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46. (43.) **longiscata Morel.** (Coll. Nr. 23.) Succinea A<sup>2</sup>. 311. — Algarbia, Hungaria, ins. Veglia. (II. 515.)

47. (44.) **virescens Morel.** † — Lusitania. (II. 515.)

48. (45.) **oblonga Drap.** (Coll. Nr. 24.) Succinea A<sup>2</sup>. 310. — Bielez Faun. Siebenb. p. 37. — Amphibina Mörch Moll. Dan. p. 34. — *Helix buccinum Schrank, elongata Fér.* — *Amphibulima oblonga Lam.* — Var. ? *S. Droueti Dumont et Mort.* Bull. Inst. Genève. 1856. IV. p. 310; Rev. Savoie. 1860. Déc. Conf. *Stabile* Moll. viv. Piém. p. 27. t. 1. f. 3. — Europa media. (II. 516.)

49. (46.) **humilis Drouët.** † — *S. oblonga* γ *Stabile* Moll. viv. Piém. p. 27. t. 1. f. 4. — Gallia. (IV. 809.)

50. (47.) **arenaria Bouch.** (Coll. Nr. 25.) Succinea A<sup>2</sup>. 310. — Amphibina Mörch Moll. Dan. p. 35. — Gallia, Germania. (II. 517.)

51. (48.) **abbreviata Morel.** † — Lusitania. (II. 517.)

52. (49.) **Baudoni Drouët.** (Coll. Nr. 26.) Gallia. (IV. 809.)

53. (50.) **italica Jan.** † — Italia. (III. 8 in adnot. ad Nr. 9.)

#### 54. **S. angusta F. Schmidt.** †

Species comparatione cum *S. Pfeifferi* solum indicata, magis involuta, spira sextam tantum anfractus ultimi partem aequante.

*Succinea angusta* F. Schmidt, Mouss. Coq. Schläfli I. 1859.  
p. 45.

Habitat in Istria, Sicilia, Graecia et Epiro.

#### §. 44.

55. (51.) **indica Pfr.** (Coll. Nr. 27.) Succinea A<sup>2</sup>. 311. — India orientalis. (III. 8.)

#### 56. **S. lauta Gould.** †

«Testa magna, tenuis, plerumque *S. obliquae* similis, sed postice tumidior, ad apicem minus acuta. — Long.  $\frac{8}{10}$ , lat.  $\frac{5}{10}$  poll.» (G.)

*Succinea lauta* Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 422;  
Otia conch. p. 101.

*Succinea lauta?* Mart. Ostas. Zool. II. p. 34. \*) t. 22. f. 20.

— *japonica* Newc. Proc. Acad. Californ. Jan. 1865?

Habitat Hakodadi insulae Jesso.

57. **S. plicata** H. Blanford. †

«Testa depresse subovata, pertenuis, irregulariter, oblique et magis minusve ruditer plicata, pallide succinea, cornea. Spira brevis, apice minute papillari. Anfractus  $2\frac{1}{2}$ , ultimus circa  $\frac{4}{5}$  totius longitudinis formans. Apertura obliqua, basi retro curvata, fere ovalis, superne aperte angulata; peristoma simplex, margine columellari regulariter arcuato, dextro paulo strictiore. — Long. 17, diam.  $9\frac{1}{2}$ , alt. 6 mill. Apert. long. 14, lat. 8 mill.» (Bl. angl.)

*Succinea plicata* W. T. Blanf. Contrib. to Ind. Malac. V. 1865.  
p. 16.

Habitat Arakan, Pegu.

Obs. «Affinis *S. semisericae* Gould.»

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58. (52.) **vitrea** Pfr. (Coll. Nr. 28.) Calcutta Indiae. (IV. 810.)

59. (53.) **daucina** Pfr. (Coll. Nr. 29.) Calcutta Indiae. (IV. 810.)

60. (54.) **crassiuscula** Bens. — India orientalis. (III. 9.)

61. (55.) **subgranosa** Pfr. (Coll. Nr. 30.) Succinea A<sup>2</sup>. 310. — Kurnaul Indiae, Calcutta. (III. 9.)

62. (56.) **Bensoni** Pfr. (Coll. Nr. 31.) Moradabad Indiae. (III. 9.)

63. **S. Girnarica** Theobald. †

«Testa oblonge ovata solida non polita, tumida, fortiter striata rubro-flavescente magis minusve rutilo, aliquando pallescente. Anfract.  $2\frac{1}{2}$  rapidissime crescentibus, ultimo capacissimo. Apertura rotundata. Perist. tenui. — Diam. 1,07; 0,61, alt. 0,42 poll.» (Th.)

*Succinea Girnarica* Theob. in Journ. As. Soc. Beng. 1859.  
XXVIII. Nr. 4. p. 309.

— *prodigium* Theob. mss. olim.

Habitat in monte Girnar peninsulae Gujeratensis Indiae.

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64. (57.) **Taylori** Pfr. — Succinea A<sup>2</sup>. 310. — Singapore. (III. 10.)

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\* «Testa ovato-acuminata, solidiuscula, inaequaliter striata, paulum nitida, pallide lutea, apice rubella; spira conica, acutiuscula; anfr. 3, convexi; apertura  $\frac{2}{3}$  longitudinis occupans, paulum obliqua, ovalis, superne vix angulata, undique incumbens; columella bene arcuata, superne paulum incrassata; peristoma simplex, margine externo leviter arcuato. — Long. 10; diam. maj. (obliq.) 7, min. 5; apert. alt. 7, lat. 5 mill. — Yeddo.» (v. M.)

65. (58.) **orientalis Bens.** — *Mart. Ostas. Zool. II. p. 57.* — Macao Chinae. (III. 40.)  
 66. (59.) **subrugata Pfr.** — *Borneo. (III. 40.)*

67. **S. globosa Tristram.** †

«T. ovato-globosa, fragilis, tenuis, nitida, delicatissime striata, aurantiaco-rubra; spira acuta, vix elongata; anfract.  $3\frac{1}{2}$ , convexi, ultimus subito accrescens, inflatus, basi expansa; apertura rotundato-ovalis, superne rotundata; peristoma simplex, margine columellari superne reflexiusculo. — Long. 14, diam. 40, alt.  $8\frac{1}{2}$  mill.» (T.)

*Succinea globosa Tristr.* in *Proc. Zool. Sol.* 1865. p. 534.

Habitat ad fluvium Jordan Palaestinae.

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68. (60.) **Chinensis Pfr.** — *Mart. Ostas. Zool. II. p. 57.* — Hongkong Chinae. (IV. 840.)

69. **S. lyrata Gould.** †

«T. ovata, solidula, luteo-virens, undatellis flexuosis lyrata; anfr. tribus ventricosis, apice obtuso. Apertura ovata; columella vix flexuosa callo perexiguo induta. — Axis  $\frac{1}{3}$ , diam.  $\frac{1}{4}$  poll.» (G.)

*Succinea lyrata Gould* in *Proc. Bost. Soc.* VII. Jun. 1859. p. 40; *Otia conch.* p. 105.

Habitat Loo Choo.

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70. (61.) **Ceylanica Pfr.** (Coll. Nr. 32.) Ceylon. (IV. 840.)  
 71. (62.) **gracilis Lea.** † — Java? (II. 518.)

§. 45.

72. (63.) **debilis Morel.** (Coll. Nr. 33.) Algeria. (IV. 844.)  
 73. (64.) **Raymondi Bourg.** † — Algeria. (IV. 844.)  
 74. (65.) **Aegyptiaca Ehrenb.** † — Damiette. (II. 518. IV. 844.)  
 75. (66.) **Africana Bourg.** † — Africa meridionalis. (IV. 842.)  
 76. (67.) **exarata Krauss.** — Natal. (II. 518.)  
 77. (68.) **striata Krauss.** † — Africa meridionalis. (III. 11.)  
 78. (69.) **Delalandei Pfr.** (Coll. Nr. 34.) *Succinea A<sup>2</sup>. 340.* — Promont. bonae spei. (III. 44.)  
 79. (70.) **concisa Morel.** (Coll. Nr. 35.) *Morel. Sér. conch. I. p. 44. t. 3. f. 7.* — *Dohrn* in *Malak. Bl. XIII. 1866. p. 433.* — Guinea, ins. Principis. (III. 44.)  
 80. (71.) **spurca Gould.** † — *Succinea A<sup>2</sup>. 340.* — Liberia. (III. 42.)  
 81. (72.) **helicoidea Gould.** † — Africa occidentalis. (III. 42.)  
 82. (73.) **asperula Pfr.** — Ins. St. Helena. (IV. 842.)

Obs. An huc? *S. Maresi Bourg.* *Malac. Algér. Fasc. I. 1863?* ex Algeria.

## §. 16.

83. **S. arborea A. Adams et Angas. †**

«S. testa oblongo-ovata, spira quam aperturæ breviorē, apice papilloso, albo, aureo-cornea, pellucida; anfractibus 3, valde convexis, longitudinaliter strigosis; apertura oblongo-ovata, labio callo tenui instructo; labro arcuato, simplici. — Long. 4, lat. 2 lin.» (A.)

*Succinea arborea* A. Adams et Ang. in Proc. Zool. Soc. 1863.  
p. 523.

Habitat prope Adelaide Australiae meridionalis.

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84. (74.) **australis Fér.** (Coll. Nr. 36.) *Helix australis* Fér. — Van-  
diemensland. (II. 548. IV. 842.)

85. (75.) **caduca Migh.** — Ins. Oahu Sandwich. (II. 549. IV. 842.)

86. (76.) **canella Gould.** (Coll. Nr. 37.) Ins. Maui Sandwich. (II. 549.)

87. **S. costulosa Pease. †**

«T. ovata, tenui, flavide cornea, longitudinaliter irregulariter costulosa; anfr. 3, ultimo interdum superne obsolete rotundatim angulato; apertura ovata, columella arcuata, subplicata. — Long. 7, diam. 5 mill.» (P.)

*Succinea costulosa* Pease in Proc. Zool. Soc. 1864. p. 677.

Habitat in Archipelago Tahitensi.

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88. (77.) **crocata Gould.** (Coll. Nr. 38.) Ins. Upolu. (II. 520.)

89. **S. Eucalypti Cox. †**

«S. testa ovata, tenui, ventrosa, pellucido-cornea, apice interdum rufescente; anfractibus tribus, longitudinaliter indistincte striatis, et sub lente minutissime granulatis, ultimo inflato; apertura ovata, peristomate recto, simplici, acuto, continuato. — Long. 0,43, diam. 0,40 unc.» (C.)

*Succinea Eucalypti* Cox in Proc. Zool. Soc. 1864. p. 486;  
Catal. Austr. landsh. 1864. p. 38.

Habitat Cumberland, New-South-Wales.

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90. (78.) **Gouldiana Pfr.** — Ins. Taheiti. (III. 43.)

91. (79.) **humerosa Gould. †** — Ins. Taheiti. (II. 520.)

92. (80.) **infundibuliformis Gould. †** — Taheiti, Eimeo. (II. 520.)

93. (81.) **lumbalis Gould. †** — Ins. Kauai Sandwich. (II. 520.)

94. **S. Macgillivrayi Cox. †**

«S. testa ovata, ventricosissima, sordide fusca, versus apicem rosacea; anfractibus tribus, sub lente minute striatis;

apertura perampla, ovata; labro simplici, columella peristomateque continuatis. — Long. 0,30, lat. 0,20 unc.» (C.)

*Succinea Macgillivrayi* Cox Catal. Austral. landsh. 1864. p. 27.  
Habitat «Mount Henry, Mulgoa, New-South-Wales».

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95. (82.) **Manuana Gould.** † — Manua. (II. 520.)

96. (83.) **Menkeana Pfr.** (Coll. Nr. 39.) *Succinea* A<sup>2</sup>. 310. — Nova Hollandia. (III. 14.)

97. (84.) **modesta Gould.** † — *Succinea Cheynei* Dohrn mss. Vid. Malak. Bl. IX. p. 208. — Ins. Upolu. (II. 521.)

#### 98. **S. Nortoni Cox.** †

«S. testa ovata, tenui, ventricosissima, pellucido-cornea, apice rufescente; anfractibus quatuor, longitudinaliter rude et irregulariter elevato-striatis, ultimo perampliter inflato; labro simplici, apertura ovata, columella peristomateque continuatis. — Long. 0,47, diam. 0,36 unc.» (C.)

*Succinea Nortoni* Cox Catal. Austral. landsh. 1864. p. 27.  
Habitat «Norton's Basin, Nepean River, New-South-Wales».

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99. (85.) **pallida Pfr.** — *Succinea* A<sup>2</sup>. 310. — Taheiti. (II. 521.)

100. (86.) **procera Gould.** † — Ins. Eimeo. (II. 521.)

101. (87.) **pudorina Gould.** (Coll. Nr. 40.) Taheiti, Eimeo. (II. 521.)  
An=*humerosa* Gould? Pease in Proc. Zool. Soc. 1864. p. 677.

#### 102. **S. rhodostoma Cox.** †

«S. testa elongato-ovata, ventricosa, solidiuscula, opaca, nitente, albida, ad apicem roseo-tincta; anfractibus quatuor longitudinaliter rude et irregulariter elevato-striatis; labro simplici, intus roseo-porphyraceo; apertura ovata. — Long. 0,50, diam. 0,27 unc.» (C.)

*Succinea rhodostoma* Cox Catal. Austral. landsh. 1864. p. 27.  
Habitat «Point Lowly» Australiae meridionalis.

#### 103. **S. scalarina Pfr.**

T. ovato-conica, scalarina, solidiuscula, irregulariter rugosoplicata, nitidula, rubella; spira elongata, acutiuscula; anfr. 3½ convexi, ultimus spiram paulo superans, basi subattenuatus; columella substricta recedens, cum perist. angulum indistinctum formans; apertura obliqua, ovalis, superne vix angulata; perist. simplex, margine columellari superne reflexiusculo. — Long. 13, diam. 7½, alt. 5⅓ mill. Apert. 8 mill. longa, 5 lata. Coll. Nr. 44.)



*Succinea scalarina* Pfr. in Proc. Zool. Soc. 1861. p. 28;  
Malak. Bl. 1861. p. 84.

Habitat «King-Georges-Sound» Australiae.

104. (88.) **simplex** Pfr. — Ins. Salomonis. (IV. 813.)

105. (89.) **strigata** Pfr. (Coll. Nr. 42.) Port Clarence. (IV. 813.)

106. **S. strigillata** A. Adams et Angas. †

«S. testa ovato-conica, tenui, semipellucida, pallide luteo-cornea, spira aperturam vix aequante, apice papilloso; anfractibus  $3\frac{1}{2}$ , valde convexis, longitudinaliter strigillatis; apertura oblongo-ovata; labio callo tenui longo instructo; labro simplici. — Long. 5, lat.  $2\frac{1}{2}$  lin.» (A.)

*Succinea strigillata* A. Adams et Ang. in Proc. Zool. Soc. 1864. p. 38.

Habitat «Sharks Bay» Australiae.

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107. (90.) **Tahitensis** Pfr. (Coll. Nr. 43.) *Succinea* A<sup>2</sup>. 340. — *Succ. humerosa* β Pease in Proc. Zool. Soc. 1864. p. 676. — Taheiti. (II. 522 exclusa fig. Fér. et synonym. Beckiano.)

108. (91.) **tomentosa** Pfr. (Coll. Nr. 44.) Nova Seelandia. (IV. 814.)

109. (92.) **venusta** Gould. † — Ins. Hawaii Sandwich. (II. 523.)

## §. 17.

110. **S. Haydeni** W. G. Binney.

«Testa elongato-ovalis, tenuis, pellucida, succinea; spira parva, acuta; anfr. 3 convexi, ultimus rugis levibus incrementalibus et sulcis crassis spiralibus, interruptis, inaequaliter notatus; sutura mediocris; columella callo levi induta, apicem interiorem a basi testae monstrans; apertura obliqua, ovalis,  $\frac{5}{7}$  long. testae aequans, ad basin expansior. — Long. 24, diam. 9 mill.» (B. — Coll. Nr. 45.)

β. Minor; long. 15 mill.

*Succinea Haydeni* W. G. Binn. in Proc. Philad. Ac. X. Mai 1858. p. 114 (Malak. Bl. 1859. p. 52);  
Terr. Moll. IV. p. 40. t. 79. f. 1.

— — *Bland* in Ann. Lyc. N. York VIII. p. 168. f. 14.

Habitat in provincia Nebraska, var. β. ad «Red River of the North.»

111. **S. Sillimani** Bland. †

«T. oblongo-ovata, tenuis, ruguloso-striata, nitidula, albida?; spira brevis, acuta; anfr. 3 convexi; sutura impressa; apertura

obliqua, elongato-ovata, superne angulata, basi effusa; columella leviter arcuata, superne filariter incrassata. — Long. 20, diam.  $8\frac{1}{2}$ ; ap. long. 13, lat. medio 6 mill.» (B.)

*Succinea Sillimani* Bland in Ann. Lyc. N.-York VIII. Nov. 1865.  
p. 167. f. 13.

Habitat «Humboldt Lake» Nevada.

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112. (93.) **Nuttalliana** Lea. † — Oregon. (II. 523.)
113. (94.) **Oregonensis** Lea. † — Oregon. (II. 523.)
114. (95.) **rusticana** Gould. † — Otia conch. p. 31. — *Binn. Terr.*  
Moll. IV. p. 6. t. 79. f. 14. — Oregon. (II. 523.)
115. (96.) **campestris** Say. (Coll. Nr. 46.) *Succinea* A<sup>2</sup>. 310. — *Binn.*  
Terr. Moll. IV. p. 34. — Massachusetts. (II. 524.)
116. (97.) **ovalis** Say, Gould. (Coll. Nr. 47.) *Helix ovalis* Fér.? —  
Massachusetts. (II. 524.)
117. (98.) **obliqua** Say. (Coll. Nr. 48.) *Succinea* A<sup>2</sup>. 310. — *Binn.*  
Terr. Moll. IV. p. 35. — *Martens* in Malak. Bl. 1865. p. 50:  
Mexico. — America borealis. (III. 15.)
118. (99.) **retusa** Lea. † — *Binn. Terr.* Moll. IV. p. 37. t. 79. f. 7. —  
Ohio. (II. 525.)
119. (100.) **avara** Say. (Coll. Nr. 49.) *Succinea* A<sup>2</sup>. 310. — *Binn. Terr.*  
Moll. IV. p. 35. — *Succ. vermeta* Say. — Massachusetts. (II. 525.)
120. (101.) **Wardiana** Lea. † — Ohio. (II. 525.)
121. (102.) **Totteniana** Lea. (Coll. Nr. 50.) *Binn. Terr.* Moll. p. 35. —  
New-York. (II. 526.)
122. (103.) **aurea** Lea. (Coll. Nr. 51.) *Binn. Terr.* Moll. IV. p. 37. —  
*Martens* in Malak. Bl. XII. 1865. p. 50: Mexico. — Ohio. (II. 525.)
123. (104.) **Salleana** Pfr. (Coll. Nr. 52.) *Brachyspira* A<sup>2</sup>. 311. — *Binn.*  
Terr. Moll. IV. p. 42. t. 79. f. 18. — New-Orleans. (III. 16.)
124. (105.) **inflata** Lea. (Coll. Nr. 53.) *Binn. Terr.* Moll. IV. p. 34.  
t. 80. f. 11. — Carolina meridionalis. (II. 526.)

### 125. **S. lineata** W. G. Binney. †

«Testa oblongo-ovata solidiori, albida, vel cinerea; spira elevata, acuta, sutura impressa, anfr. ternis convexis, lineis crassis parallelis inter rugas incrementales volventibus ornata; apertura oviformis, partem testae dimidiam aequans; columella plicata, pariete callo albo induta. — Diam. 6, alt. 12 mill.» (B. — Coll. Nr. 54.)

*Succinea lineata* W. G. Binn. in Proc. Philad. Ac. IX. Febr. 1857. p. 19. (Malak. Bl. 1859. p. 52);  
Terr. Moll. IV. p. 38. t. 80. f. 5.

Habitat in provincia Nebraska.

Obs. «Similis *S. vermetae* Say, sed forma magis ovali, apertura, anfractibus convexis et spira breviori differt. Cognoscitur inter *Succineas* americanas testa solidiori, apertura oviformi, et specialiter lineis volventibus in anfr. ultimo positis.»

126. **S. Stretchiana Bland.** †

«T. globoso-conica, tenuis, pellucida, nitida, striatula, virenti-cornea; spira brevis, obtusiuscula; sutura profunda; anfr. 3 convexi, ultimus inflatus; columella arcuata, leviter incrassata, recedens; apertura obliqua, rotundato-ovalis; perist. simplex, marginibus callo tenui junctis. — Long.  $6\frac{1}{4}$ , diam. 5 mill.; apert. 5 mill. longa, medio 4 lata.» (B.)

*Succinea Stretchiana Bland* in Ann. Lyc. N.-York VIII. Nov. 1865. p. 168. f. 16.

Habitat «Washoe Co. Nevada».

127. **S. Verrilli Bland.** †

«T. ovato-conica, tenuis, striata, subpellucida, aurantiaco-succinea; spira elevata, obtusa, apice globoso, rubello; anfr. 3 perconvexi; sutura profunda; apertura obliqua, rotundato-ovalis; columella arcuata, leviter callosa; perist. simplex, marginibus callo tenuissimo junctis. — Long. 7, diam.  $3\frac{1}{2}$  mill. Ap. 4 mill. longa, medio 3 lata.» (B.)

*Succinea Verrilli Bland* in Ann. Lyc. N.-York VIII. Nov. 1865. p. 169. p. 17.

Habitat «Salt Lake, Gulf of St. Lawrence» Americae borealis (Verrill).

128. **S. Hawkinsii Baird.** †

«S. testa elongato-obovata, tenui, pellucida, nitida, undulato-striata, rubella, intus margaritacea, spira acuta; anfractibus quatuor, convexis, ultimo duos trientes longitudinis testae adaequante, sutura impressa, apertura ovali, inferne effusa. — Long.  $\frac{3}{4}$ , lat.  $\frac{1}{3}$  poll.» (B.)

*Succinea Hawkinsii Baird* in Proc. Zool. Soc. 1863. p. 68.

— — *Bland* in Ann. Lyc. N.-York VIII. p. 168. f. 15.

Habitat «Lake Osoyoos» Columbiae britannicae.

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129. (106.) **concordialis Gould.** (Coll. Nr. 55.) *Binn. Terr. Moll.* IV. p. 44. (Synon. *S. munita Binn.*) — Status meridionales. (III. 16.)

130. **S. Haleana Lea.** †

«Testa obliquo-ovata, nitida, subdiaphana, aurea, tenui; spira brevi; suturis impressis; anfractibus ternis, convexis; apertura grandi, lato-ovata; labro regulariter expanso; columella incurva.» (L.) Dimens.?

*Succinea Haleana Lea* in Proc. Philad. Acad. 1864. p. 109.

Habitat Alexandria, Louisiana (Dr. J. Hale).

131. **S. Grosvenorii** Lea. †

«Testa obliquo-ovata, striata, subdiaphana, straminea, tenui; spira exserta; suturis valde impressis; anfractibus quaternis, convexis; apertura subrotunda, grandiuscula; labro expanso; columella incurva et contorta.» (L.) Dimens.?

*Succinea Grosvenorii* Lea in Proc. Philad. Acad. 1864. p. 109.  
Habitat «Santa Rita Valley» Kansas? (Grosvenor), Alexandria, Louisiana (Hale).

132. **S. Mooresiana** Lea. †

«Testa obliquo-ovata, minute striata, opaca, albida, subtenui; spira exserta; suturis impressis; anfractibus ternis, convexiusculis; apertura subrotunda; labro subexpanso; columella incurva et contorta.» (L.) Dimens.?

*Succinea Mooresiana* Lea in Proc. Philad. Acad. 1864. p. 109.  
Habitat «Court-House-Rock, on Platte River, California route» (H. Moores).

133. **S. Wilsonii** Lea. †

«Testa elongato-obliqua, valde striata, diaphana, peraaurea, subnitida, tenui; spira valde exserta; suturis valde impressis; anfractibus quaternis, convexiusculis; apertura grandiuscula, ovata; labro subexpanso; columella tenui, incurva et contorta.» (L.) Dimens.?

*Succinea Wilsonii* Lea in Proc. Philad. Acad. 1864. p. 109.  
Habitat prope Darien Georgiae (Dr. S. W. Wilson).

134. **S. Forsheyi** Lea. †

«Testa elongato-obliqua, tenui, nitida, diaphana, subaurea, pertenui; spira exserta, acuminata; suturis impressis; anfractibus ternis, convexiusculis; apertura grandi, lato-ovata; labro subexpanso; columella tenui, incurva et contorta.» (L.) Dimens.?

*Succinea Forsheyi* Lea in Proc. Philad. Acad. 1864. p. 109.  
Habitat Rutersville, Texas (C. G. Forshey).

135. **S. pellucida** Lea. †

«Testa elongato-obliqua, laevi, nitida, pellucida, alba, pertenui; spira exserta, acuminata; suturis impressis; anfractibus quaternis, vix convexis; apertura grandiuscula, ovata; labro subexpanso; columella tenui, incurva et contorta.» (L.) Dimens.?

*Succinea pellucida* Lea in Proc. Philad. Acad. 1864. p. 110.

Habitat in Statibus Unitis Americae.

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136. (107.) **undulata Say.** (Coll. Nr. 56.) Mexico. (II. 526.)

137. (108.) **luteola Gould.** (Coll. Nr. 57.) *Succinea texasiana* Pfr.  
(Succinea) A<sup>2</sup>. 311. — *Succ. citrina* Shuttl. — Texas, Florida.  
(II. 526. III. 16.)

138. **S. virgata Martens.**

«Testa ovata, solidiuscula, striatula, lineis spiralibus subtilissimis oculo armato vix conspicuis sculpta, nitida, succinea, strigis albis latiusculis frequentibus picta; spira conica, acutiuscula; anfractus  $3\frac{1}{2}$ , convexi; sutura distincta, subtiliter crenulata, albofilosa; apertura ovalis,  $\frac{2}{3}$  totius longitudinis aequans, sat obliqua; columella tenuis, regulariter arcuata, alba. — Long. 15, diam.  $6\frac{1}{2}$ ; apert. long. 7, lat.  $4\frac{1}{2}$  mill.» (v. M. — Coll. Nr. 58.)

*Succinea virgata* Mart. in Malak. Bl. XII. 1865. p. 50. t. 1.  
f. 6. 7.

Habitat in republica mexicana.

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139. (109.) **brevis Dunk.** (Coll. Nr. 59.) Mexico. (III. 17.)

140. (110.) **cingulata Forb.** † — Mazatlan. (III. 17.)

141. (111.) **Guatemalensis Morel.** † — Guatemala. (III. 17.)

142. (112.) **hortulana Morel.** † — Guatemala. (III. 18.)

143. (113.) **Tamsiana Pfr.** — Venezuela. (III. 18.)

144. (114.) **repanda Pfr.** — Nova Granada. (IV. 815.)

145. **S. Bogotensis Pfr.**

T. inflato-ovata, pertenuis, rugato-striata, pellucida, subolivaceo-fusco-cornea; spira inflata, brevis, subpapillata; anfr. 3, penultimus perconvexus, ultimus  $\frac{2}{3}$  longitudinis formans, basi parum attenuatus; columella vix callosa, regulariter et leviter arcuata; apertura obliqua, angulato-ovalis, fere incumbens; perist. simplex, tenue. — Long. 13, diam.  $7\frac{1}{2}$ , alt. 6 mill. (Coll. Nr. 60.)

*Succinea Bogotensis* Pfr. in Malak. Bl. XIII. 1866. p. 77.

Habitat Bogota Novae Granadae.

146. **S. propinqua Drouët.**

«T. ovalis, ventricosula, fragilissima, pellucida, striata, pallide succinea; anfr. 3—4 convexi, ultimo maximo; sutura impressa; apert. ovali-piriformis, ampliuscula. — Alt. 13, diam. 8; ap. alt. 10, diam.  $6\frac{1}{2}$  mill.» (D.)

*Succinea propinqua* Drouët Moll. Guyane franç. 1859. p. 49.  
t. 1. f. 1. 2.

Habitat «Ilet-La-Mère» Guyanae gallicae (Eyriès).

147. **S. peruviana Philippi.**

T. ovato-conica, solidula, irregulariter et conferte plicatula, parum nitens, pallide straminea; spira subelongata, apice acuta; anfr. 4 convexi, ultimus antice fortius plicatus; columella substricta, leviter callosa; apertura obliqua, fere incumbens, ovalis, intus margaritacea; perist. simplex, marginibus callo tenuissimo junctis, basali cum columella angulum indistinctum formante. — Long. 12, diam. 6, alt.  $4\frac{2}{3}$  mill. Apert.  $7\frac{1}{2}$  mill. longa,  $4\frac{1}{2}$  lata. (Coll. Nr. 61.)

*Succinea peruviana* Philippi in sched.

— — Pfr. in Malak. Bl. XIV. 1867. p. 78.

Habitat in Peruvia.

Obs. Spira elongata ad *S. luteolam* Gould et *Bermudensem* Pfr., angulo indistincto marginis columellaris ad *S. australem* Fér. quodammodo accedit.

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- 148. (115.) **aequinoctialis Orb.** † — Columbia. (II. 527.)
- 149. (116.) **pusilla Pfr.** (Coll. Nr. 62.) Ceara Americae meridionalis. (III. 48.)
- 150. (117.) **Donneti Pfr.** — Coquimbo Chilensium. (III. 49.)
- 151. (118.) **Chiloënsis Phil.** (Coll. Nr. 63.) *Succinea* A<sup>2</sup>. 340. — Ins. Chiloë. (II. 527.)
- 152. (29.) **Magellanica Gould.** (Coll. Nr. 64.) Terra Ignis. (II. 528.)
- 153. (119.) **rubicunda Pfr.** (Coll. Nr. 65.) *Succinea* A<sup>2</sup>. 340. — Ins. Masafuera. (III. 49.)
- 154. (120.) **fragilis King.** † — Ins. Juan Fernandez. (II. 528.)
- 155. (121.) **Grönlandica Beck.** — *Binn. Terr. Moll.* IV. p. 38. t. 80. f. 4. — *Succinea* A<sup>2</sup>. 340. — Grönlandia. (II. 529. III. 20.)

§. 18.

- 156. (122.) **nobilis Poey.** (Coll. Nr. 66.) Cuba. (IV. 846.)
- 157. (123.) **macta Poey.** (Coll. Nr. 67.) Cuba. (IV. 846.)
- 158. (124.) **ochracina Gundl.** (Coll. Nr. 68.) Cuba, New Providence. (IV. 846.)
- 159. (125.) **Gundlachi Pfr.** (Coll. Nr. 69.) *Succinea* A<sup>2</sup>. 340. — Cuba. (III. 624.)
- 160. (126.) **Sagra Orb.** (Coll. Nr. 70.) *Succinea* A<sup>2</sup>. 340. — Cuba. (II. 529.)

161. **S. tenuis Gundlach.**

«Testa oblonga, tenuissima, succinea, spira elevata, acuta; anfr.  $3\frac{1}{2}$  convexis, primo minimo, ultimo parum ventricosus; apertura ovato-oblonga, postice angulosa,  $\frac{2}{3}$  longitudinis aequans,



margine dextro regulariter arcuato; columella introrsum leviter curvata. — Long. 16, diam. 8 mill.» (P. — Coll. Nr. 71.)

β. Albida.

*Succinea tenuis* Gundl. mss.; Poey Memor. II. p. 88. (Sept. 1858.) t. 8. f. 21. 22.

Habitat in montibus Trinitariis insulae Cubae.

Obs. «Differt a *S. fulgente* testa tenuiore, graciliore, spira magis producta.»

#### 162. **S. Arangoi Pfr.**

T. ovato-conica, tenuis, conferte plicatula, pellucida, nitidula, livido-cornea; spira brevis, acutiuscula; anfr.  $3\frac{1}{2}$ , ultimus  $\frac{2}{3}$  longitudinis formans, basi parum attenuatus; columella tenuis, regulariter arcuata; apertura obliqua, fere incumbens, acuminato-ovalis, intus nitidior; perist. simplex, tenue. — Long. 12—14, diam. 6—7, alt. 5 mill. (Coll. Nr. 72.)

*Succinea Arangoi* Pfr. in Malak. Bl. XIII. 1866. p. 140.

Habitat San Miguel insulae Cubae (Arango), Rangel (Gundlach.)

\*

163. (127.) **fulgens** Lea. (Coll. Nr. 73.) Cuba, Bermuda. (II. 529 in adnot. IV. 817.)

164. (128.) **angustior** Adams. (Coll. Nr. 74.) *Succinea* A<sup>2</sup>. 310. — Jamaica, Cuba. (III. 20.)

165. (129.) **laticus** Adams. † — *Succinea* A<sup>2</sup>. 310. — Jamaica. (III. 20.)

166. (130.) **Dominicensis** Pfr. (Coll. Nr. 75.) *Succinea* A<sup>2</sup>. 311. — Haiti. (III. 21.)

167. (131.) **Bermudensis** Pfr. (Coll. Nr. 76.) Ins. Bermuda. (IV. 817.)

168. (132.) **margarita** Pfr. (Coll. Nr. 77.) Haiti, Bermuda. — Var. major: Trinidad (Gill). (III. 624.)

169. (133.) **approximans** Shuttl. (Coll. Nr. 78.) *Succinea* A<sup>2</sup>. 310. — *Simpulopsis approximans* Ad. — Portorico, St. Thomas. (IV. 817.)

170. (134.) **hyalina** Shuttl. † — *Succinea* A<sup>2</sup>. 310. — *Simpulopsis hyalina* Ad. — Portorico. (IV. 817.)

171. (135.) **Riisei** Pfr. (Coll. Nr. 79.) *Succinea* A<sup>2</sup>. 310. — Portorico. (III. 624.)

172. (136.) **Cuvieri** Guild. † — Ins. St. Vincentii. (II. 530.)

173. (137.) **Barbadensis** Guild. (Coll. Nr. 80.) Barbados, St. Thomas. (II. 530.)

174. (138.) **Candeana** Lea. † — Martinique. (II. 531.)

#### §. 19.

175. (139.) **solidula** Pfr. — Habitat? (III. 22.)

#### *Species fossiles:*

*Succinea Bensoniana* Forb., Pfr. Mon. IV. p. 818.

— *Maresi Bourg.* Paléont. Algér. 1862.

## VII. Physella Pfr.

Animal vix notum.

Testa bullaeformis, spira minima, anfractu ultimo elongato, fere totam longitudinem formante; columella simplex, arcuata, non truncata; peristoma simplex, rectum.

*Physella* novum genus Heliceorum Pfr. in Malak. Bl. VIII. 1864. p. 70; XII. 1865. p. 207.

An Daudebardiae, an Succineae vel Oleacinae affine?

*Species hucusque unica:*

### 1. Ph. Berendti Pfr.

T. oblonga, solidula, laevissima, nitida, corneo-fulva; spira vix prominens, obtusa; anfr.  $2\frac{1}{2}$ , ultimus basi vix angustatus; columella recedens, tum antrorsum immediate in peristoma continuata; apertura vix obliqua, acuminato-ovalis, intus margaritacea. — Long. 6, diam. 3 mill. (Coll. Nr. 4.)

*Physella Berendti* Pfr. in Malak. Bl. VIII. 1864. p. 74. t. 4. f. 4 — 4.

Habitat Mirador, Veracruz reipublicae mexicanae (Dr. Berendt).

## VIII. Helix Linn. (Emend. Drap.)

Pfr. Mon. Helic. IV. p. 4. — Albers Heliceen ed. Mart. 1860. p. 80: genus 15 Heliceorum (Helicaceorum). Sectiones: *Amphidoxa* Alb. p. 82, *Microphysa* Alb. p. 82, *Aerope* Alb. p. 83, *Pella* Alb. p. 84, *Patula* Held p. 85, *Charopa* Alb. p. 87, *Stephanoda* Alb. p. 88, *Janulus* Lowe p. 89, *Endodonta* Alb. p. 90, *Sesara* Alb. p. 91, *Pelia* Alb. p. 91, *Gonostoma* Held p. 91, *Ophiogyra* Beck p. 94, *Polygyra* Say p. 95, *Stenotrema* Raf. p. 96, *Triodopsis* Raf. p. 97, *Mesodon* Raf. p. 98, *Laoma* Gray p. 100, *Acanthinula* Beck p. 100, *Vallonia* Risso p. 101, *Petasia* Moq. p. 102, *Fruticicola* Held p. 103 (subsect: *Eulota* Htm., *Trichia* Htm., *Zenobia* Gray, *Monacha* Htm.), *Dorcasia* Gray p. 106, *Rhagada* Alb. p. 108, *Xerophila* Held p. 109, *Turricula* Beck p. 115, *Cochlicella* Risso p. 117, *Ochthephila* Beck p. 118, *Actinella* Lowe p. 119, *Tectula* Lowe p. 120, *Plectotropis* Mart. p. 121, *Aegista* Alb. p. 121, *Aglaia* Alb. p. 122, *Campylaea* Beck p. 122, *Eurycampta* Mart. p. 127, *Arionta* (Leach) p. 127, *Eurystoma* Alb. p. 129, *Polytaenia* Mart. p. 129 (serius p. 212 sectioni *Polymitae* inserta), *Euparypha* Htm. p. 130, *Tachea*

*Leach* p. 131, *Macularia* Alb. p. 132, *Iberus* Montf. p. 134, *Coryda* Alb. p. 136, *Hemicycla* Swns. p. 137, *Plebecula* Lowe p. 138, *Leptaxis* Lowe p. 138, *Pomatia* Leach p. 140, *Thelidomus* Swns. p. 143, *Cysticopsis* Mörch p. 144, *Plagioptycha* Pfr. p. 145, *Polymita* Beck p. 145, *Liochila* Alb. p. 146, *Eurycratera* Beck p. 147, *Polydontes* Montf. p. 148, *Helicophanta* Beck p. 148, *Panda* Alb. p. 149, *Stylodon* Beck p. 149, *Erepta* Alb. p. 150, *Dentellaria* Schum. p. 151, *Cepolis* Montf. p. 152, *Pleurodonta* Fisch. p. 152, *Anostoma* Lam. p. 154, *Labyrinthus* Beck p. 154, *Isomeria* Alb. p. 155, *Caracolus* Montf. p. 156, *Phania* Alb. p. 157, *Thersites* Pfr. p. 157, *Merope* Alb. p. 158, *Obba* Beck p. 158, *Trachia* Alb. p. 160, *Planispira* Beck p. 160, *Phasis* Alb. p. 161, *Chloritis* Beck p. 161, *Pedinogyra* Alb. p. 162, *Ampelita* Beck p. 163, *Solaropsis* Beck p. 164, *Camena* Alb. p. 165, *Hadra* Alb. p. 165, *Papuina* Mart. p. 166 (*Eugenia* Alb. mss.), *Leptoloma* Mart. p. 167, *Geotrochus* Hass. p. 167, *Cymotropis* Mart. p. 169, *Chloraea* Alb. p. 169, *Corasia* Alb. p. 170, *Axina* Alb. p. 171, *Acavus* Montf. p. 171, *Callicochlius* Ag. p. 172. — Praeterea in nostro genere, characteres anatomicos plerumque incognitos non respiciente, comprehensa sunt genera operis citati: *Cochlostyla* Fér. (ex parte, nempe sectiones: *Xanthomelon* Mart. p. 174, *Helicostyla* Fér. p. 175); *Pfeifferia* Gray, Alb. ed. Mart. p. 45: genus 7 Heliceorum Vitrineorum; *Nanina* Gray, Alb. ed. Mart. p. 45: genus 8 Vitrineorum (sect. *Helicarrion* Fér. p. 46, *Medyla* Alb. p. 47, *Paryphanta* Alb. p. 48, *Microcystis* Beck p. 49, *Xesta* Alb. p. 50, *Hemiplecta* Alb. p. 52, *Oxytes* Pfr. p. 54, *Rhysota* Alb. p. 54, *Ariophanta* Desm. p. 54, *Acusta* Alb. p. 56, *Thapsia* Alb. p. 56, *Orobia* Alb. p. 57, *Thalassia* Alb. p. 59, *Trochomorpha* Alb. p. 60, *Discus* Alb. p. 61, *Rotula* Alb. p. 62, *Thysanota* Alb. p. 63, *Nigritella* Mart. p. 63, *Sophina* Bens. p. 64, *Orpiella* Gray p. 64); *Stenopus* Guild., Alb. ed. Mart. p. 64: genus 9 Vitrineorum; *Zonites* Montf., Alb. ed. Mart. p. 65: genus 10 Vitrineorum (sect.: *Aegopis* Fitz. p. 66, *Moreletia* Gray p. 67); *Hyalina* Gray, Alb. ed. Mart. p. 67: genus 11 Vitrineorum (sect.: *Hyalina* s. str. p. 68, *Mesomphix* Raf. p. 70, *Mörchia* Mart. p. 71, *Ammonoceras* Pfr. p. 72, *Edusa* Alb. p. 72, *Conulus* Moq. p. 73, *Gastrodonta* Alb. p. 74); *Macrocyclis* Beck, Alb. ed. Mart. p. 75: genus 12; *Sagda* Beck, Alb. ed. Mart. p. 76: genus 13; (sect.: *Sagda* s. str. p. 76, *Hyalosagda* Alb. p. 77, *Proserpinula* Alb. p. 77, *Odontosagda* Mart. p. 78); *Leucochroa* Beck, Alb. ed. Mart. p. 78: genus 14 Vitrineorum. Conf. *Pfeiffer* in Malak. Bl. XIV. 1867. p. 84—92.

Cl. *Dohrn* (Malak. Bl. 1864. p. 194) de editione Martensiana operis Albersiani scribens emendationes nonnullas systematicas indicavit et praecipue genus *Cochlostylam* (p. 204) sequente modo emendare conatus est. Excluduntur sectiones: *Xanthomelon*,

*Phoenicobius*, *Chrysallis* et *Prochilus* et admittuntur in genere (in cujus definitione forma testae minime respicitur) sectiones: *Axina*, *Corasia*, *Chloraea*, *Geotrochus* (ex parte), *Calocochlea*, *Helicostyla*, *Cochlodryas*, *Orthostylus*, *Eudoxus*, *Phengus*, *Canistrum*.

Cl. *Mörch* (Synopsis Moll. terr. et fluv. Daniae 1864. p. 12) species in Dania obvias, ad nostrum genus *Helicem* pertinentes, sic enumerat. Fam. 4: *Zonitidae*. Gen. 4: *Hyalinia* cum subgeneribus: *Vitrea*, *Petasia*. Gen. 5: *Zonitoides* *Lehm.* — Fam. 5. *Ataeniae*. Gen. 6: *Discus* *Fitz.* cum subgen.: *Delomphalus*, *Pyramidula*, *Acanthinula*. Gen. 7: *Vallonia*. — Fam. 6. *Leucozonae*. Gen. 8. *Hygromia* (subgen.: *Perforatella*, *Conulus*, *Monacha*, *Hygromia*). — Fam. 7. *Xerophilae*. Gen. 9. *Jacosta* *Gray* (subgen.: *Helicopsis*, *Jacosta*). Gen. 10. *Eulota* *Hartm.* — Fam. 8. *Arian-tidae*. Gen. 11. *Arianta* *Leach* c. subgen.: *Chilotrema*. — Fam. 9. *Pentataeniae*. Gen. 12. *Helicogena* *Risso* (subgen.: *Tachea*, *Pomatia*).

Cl. *v. Martens* 1866 et 1867 in opere de Molluscis terrestribus Asiae orientalis plura etiam emendavit. *Microcystis* (antea *Naninae* sect. 4) nunc est sectio *Hyalinae* (p. 17), *Acusta* (antea *Naninae* sect. 10) nunc sectio *Helicis* (p. 24, 45). Loco *Orobiae* *Alb.* (*Naninae* sect. 12) restituitur *Macrochlamys* *Bens.*, *Ad.* (p. 239.) — *Helicarion* (antea *Naninae* sect. prima) tamquam genus proprium adoptatur (p. 182), includens *Vitrinellam* *Gray* s. *Medyllam* *Alb.* — *Trochomorpha* (antea *Naninae* sect. 14) nunc est genus definitum (p. 245) complectens sectiones *Nigritellam* et *Videnam*. — *Patula* (antea *Helicis* sect. 5) etiam characteribus generibus designatur (p. 258). Sectiones ejus sunt: *Rhytida*, *Macrocyctoides*, *Endodonta*. — Quoad genus *Cochlostylam* emendationes *Dohrnianae* pleraeque adoptantur (p. 96). Excluditur sectio *Xanthomelon* (ad *Helicem* reducta) et admittuntur inter *Cochlostylas* sectiones: *Callicochlias*, *Axina* et *Corasia*.

### Conspectus specierum:

- I. Peristomatē subinflexo . . . . . §. 1. Nr. 1—5.
- II. Peristomate recto aut vix expansiusculo.
  - A. Vitrinoideae . . . . . §. 2. — 6—11.
  - B. Bulimoideae . . . . . §. 3. — 12.
  - C. Genuinae.
    - 1. Peristomate subsimplice.
      - a. Imperforatae,
      - α. ecarinatae,
      - α. subglobosae . . . . . §. 4. — 13—34.

- b. subturbinatae . . . . . §. 5. Nr. 35—55.  
 c. depressae . . . . . §. 6. — 56—76.  
 d. discoideae . . . . . §. 7. — 77—83.  
 β. carinatae,  
   a. laevigatae vel striatulae . . §. 8. — 84—108.  
   b. plicatae vel rugosae . . . §. 9. — 109—126.  
   c. spiraliter sculptae . . . . §. 9a. — 127—130.  
   d. granulatae . . . . . §. 9b. — 131.  
 b. Perforatae vel angustissime um-  
   bilicatae,  
   α. globosae . . . . . §. 10. — 132—147.  
   β. subturbinatae,  
     \* ecarinatae  
       a. laevigatae vel striatae . §. 11. — 148—197.  
       b. rugosae . . . . . §. 12. — 198—204.  
       c. subdecussatae . . . . . §. 13. — 205—223.  
     \*\* subangulatae . . . . . §. 14. — 224—247.  
     \*\*\* carinatae,  
       † sinistrorsae . . . . . §. 15. — 248—254.  
       †† dextrorsae,  
         a. laevigatae vel striatae . §. 16. — 255—280.  
         b. rugosae vel costulatae . §. 17. — 281—302.  
         c. spiraliter striatae vel  
            liratae . . . . . §. 18. — 303—315.  
         d. decussatae . . . . . §. 19. — 316—334.  
 γ. depressae  
   \* ecarinatae,  
     a. laevigatae vel substriatae §. 20. — 335—437.  
     b. carina umbilicali instruc-  
        tae (*Sophina Bens.*) . . §. 20a. — 438—440.  
     c. costulatae, plicatae vel  
        rugosae . . . . . §. 21. — 441—465.  
     d. decussatae . . . . . §. 22. — 466—489.  
     e. granulatae vel pilosae . §. 23. — 490—499.  
   \*\* subcarinatae . . . . . §. 24. — 500—528.  
   \*\*\* carinatae  
     † sinistrorsae . . . . . §. 25. — 529—534.  
     †† dextrorsae,  
       a. laevigatae vel striatae . §. 26. — 535—544.  
       b. costulatae vel rugosae . §. 27. — 545—556.  
       c. decussatae vel granulatae §. 28. — 557—575.  
 c. Umbilicatae,  
   α. ecarinatae,  
     a. globosae . . . . . §. 29. — 576—584.  
     b. turbinatae . . . . . §. 30. — 585—625.  
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- † spira convexa,
  - 1. laevigatae vel striatulae §. 31. Nr. 626—724.
  - 2. costulato - striatae vel costatae . . . . . §. 32. — 725—820.
  - 3. decussatae . . . . . §. 33. — 821—847.
- †† spira plana vel immersa,
  - 1. laevigatae vel striatae
    - o arctispirae . . . . . §. 34. — 848—852.
    - oo mediocriter spiratae §. 35. — 853—902.
  - 2. costulatae . . . . . §. 36. — 903—933.
  - 3. spiraliter striatae . . . §. 37. — 934—936.
  - 4. subdecussatae . . . . . §. 38. — 937—943.
- β. subcarinatae . . . . . §. 38a. — 944—953.
- γ. carinatae,
  - \* trochiformes vel conoideae §. 39. — 954—985.
  - \*\* lenticulares . . . . . §. 40. — 986—1043.
- 2. Peristomate intus labiato.
  - α. Late umbilicatae . . . . . §. 41. — 1044—1056.
  - β. Mediocriter umbilicatae vel subimperfioratae,
    - a. corneae,
      - \* ecarinatae,
        - a. globulosae . . . . . §. 42. — 1057—1081.
        - b. depressae . . . . . §. 43. — 1082—1125.
      - \*\* carinatae . . . . . §. 44. — 1126—1132.
    - b. calcareae
      - \* ecarinatae,
        - † globosae . . . . . §. 45. — 1133—1154.
        - †† depresso-turbinatae . . §. 46. — 1155—1174.
        - ††† depressae . . . . . §. 47. — 1175—1230.
      - \*\* carinatae,
        - † depressae,
          - a. umbilicatae . . . . . §. 48. — 1231—1251.
          - b. subimperfioratae . . §. 49. — 1252—1253.
        - †† conicae . . . . . §. 50. — 1254—1271.
  - 3. Peristomate intus lamellato.
    - a. Lamellis modo in margine basali . . . . . §. 51. — 1272—1294.
    - b. Lamellis interruptis basalibus radiantibus . . . . . §. 52. — 1295—1303.
    - c. Apertura utrinque lamellata . §. 53. — 1304—1321.
    - d. Lamellis modo in pariete aperturali . . . . . §. 54. — 1322—1335.
  - 4. Peristomate soluto continuo.
    - a. Depressae . . . . . §. 55. — 1336—1346.
    - b. Trochiformes . . . . . §. 56. — 1347—1353.



5. Peristomate irregulariter sinuato,  
 incrassato . . . . . §. 57. Nr. 1354—1355.

III. Peristomate superne recto, margine basali incrassato vel reflexo.

1. Ecarinatae,

a. imperforatae,

- α. conicae . . . . . §. 58.—1356—1358.  
 β. globosae . . . . . §. 59.—1359—1383.  
 γ. turbinato-vel globoso-depressae §. 60.—1384—1395.  
 δ. dentatae . . . . . §. 61.—1396—1399.

b. subobtectae perforatae,

- α. conicae . . . . . §. 62. Vid. §. 108.  
 β. subturbinatae . . . . . §. 63. Nr. 1400—1415.  
 γ. globulosae . . . . . §. 64.—1416—1444.  
 δ. depressae . . . . . §. 65.—1445—1459.  
 ε. dentatae . . . . . §. 66.—1460—1463.

c. mediocriter umbilicatae,

- α. globulosae . . . . . §. 67.—1464—1467.  
 β. depresso-globosae . . . . . §. 68.—1468—1484.  
 γ. turbinato-depressae . . . . . §. 69.—1485—1493.  
 δ. depressae . . . . . §. 70.—1494—1507.

d. late umbilicatae . . . . . §. 71.—1508—1530.

2. Carinatae,

a. late umbilicatae . . . . . §. 72.—1531—1559.

b. mediocriter umbilicatae,

- α. conoideae . . . . . §. 73.—1560—1585.  
 β. depressae . . . . . §. 74.—1586—1622.

c. subobtectae perforatae . . . . . §. 75.—1623—1650.

d. imperforatae,

- α. trochiformes . . . . . §. 76.—1651—1654.  
 β. conoideo-lenticulares . . . . . §. 77.—1655—1660.  
 γ. depressae

\* edentulae . . . . . §. 78.—1661—1666.

\*\* dentatae . . . . . §. 79.—1667—1673.

IV. Peristomate expanso vel reflexo.

1. Exumbilicatae,

a. edentulae,

α. trochiformes,

a. ecarinatae . . . . . §. 80.—1674—1712.

b. subcarinatae . . . . . §. 81.—1713—1727.

c. carinatae . . . . . §. 82.—1728—1745.

β. bulimoideae.

a. Spira parvula, anfractu ul-

timo permagno . . . . . §. 83.—1746—1751.

b. Anfractu ultimo spiram vix

superante . . . . . §. 84.—1752—1760.

- γ. globoso-turbinatae . . . . . §. 85. Nr. 1761—1794.
- δ. subglobosae . . . . . §. 86. — 1795—1833.
- ε. globoso-depressae,
  - \* intus non labiatae,
    - 1. tenuilabres . . . . . §. 87. — 1834—1870.
    - 2. crassilabres . . . . . §. 88. — 1871—1889.
  - \*\* intus labiatae
    - 1. europaeae . . . . . §. 89. — 1890—1918.
    - 2. asiaticae . . . . . §. 90. — 1919—1929.
    - 3. africanæ . . . . . §. 91. — 1930—1963.
    - 4. australicæ . . . . . §. 92. — 1964—1967.
    - 5. americanæ . . . . . §. 93. — 1968—1983.
    - 6. Patria ignota . . . . . §. 94. — 1984—1987.
- ζ. depressae,
  - \* helicophantoideae . . . . . §. 95. — 1988—1989.
  - \*\* carinatae,
    - 1. europaeae . . . . . §. 96. — 1990—1992.
    - 2. asiaticae . . . . . §. 97. — 1993—2008.
    - 3. africanæ . . . . . §. 98. — 2009—2010.
    - 4. australicæ . . . . . §. 99. — 2011—2012.
    - 5. americanæ . . . . . §. 100. — 2013—2035.
- b. dentatae,
  - α. ecarinatae . . . . . §. 101. — 2036—2057.
  - β. subcarinatae . . . . . §. 102. — 2058—2089.
  - γ. acute carinatae . . . . . §. 103. — 2090—2103.
- 2. Umbilicatae,
  - a. campaniformes . . . . . §. 104. — 2104—2111.
  - b. globosae,
    - α. non labiatae . . . . . §. 105. — 2112—2137.
    - β. labiatae . . . . . §. 106. — 2138—2148.
  - c. trochiformes,
    - α. carinatae . . . . . §. 107. — 2149—2187.
    - β. ecarinatae . . . . . §. 108. — 2188—2213.
  - d. turbinato- vel globoso-depressae,
    - † carinatae . . . . . §. 108a. — 2214.
    - †† ecarinatae,
      - α. edentulae,
        - \* intus non labiatae . . . §. 109. — 2215—2289.
        - \*\* intus labiatae . . . . . §. 110. — 2290—2323.
      - β. dentatae . . . . . §. 111. — 2324—2329.
  - e. depressae,
    - α. intus labiatae,
      - \* ecarinatae,
        - a. marginibus distantibus §. 112. — 2330—2346.

- b.* marginibus convergen-  
tibus . . . . . §.113.Nr.2347—2408.
- c.* marginibus continuis . . §.114.—2409—2426.
- \*\* *carinatae*,
  - a.* edentulae . . . . . §.115.—2427—2434.
  - b.* dentatae vel plicatae . §.116.—2432—2436.
- β. intus non labiatae,
  - \* *ecarinatae*,
    - † *spira convexa*,
      - a.* edentulae . . . . . §.117.—2437—2497.
      - b.* dentatae . . . . . §.118.—2498—2514.
    - †† *spira plana vel concava*,
      - a.* edentulae . . . . . §.119.—2515—2568.
      - b.* dentatae . . . . . §.120.—2569—2571.
      - c.* intus conspicue la-  
mellatae . . . . . §.121.—2572—2587.
  - \*\* *carinatae*,
    - a.* edentulae . . . . . §.122.—2588—2648.
    - b.* dentatae . . . . . §.123.—2649—2688.

V. Peristomate angulatim reflexo, sublabiato.

- 1. Pervio-umbilicatae,
  - a.* edentulae,
    - α. latissime umbilicatae . . . . . §.124.—2689—2695.
    - β. mediocriter umbilicatae . . . . §.125.—2696—2704.
    - γ. anguste umbilicatae . . . . . §.126.—2705.
  - b.* dentatae.
    - α. Pariete aperturali modo den-  
tato,
      - \* *conoideae*, *carinatae* . . . . . §.126a.—2706.
      - \*\* *globoso-depressae* . . . . . §.127.—2707—2711.
      - \*\*\* *planae* . . . . . §.128.—2712—2717.
    - β. Pariete aperturali et peristo-  
mate dentatis . . . . . §.129.—2718—2743.
    - γ. Peristomate solum dentato . . §.130.—2744—2748.
- 2. Oblique et impervie umbilicatae,
  - a.* *ecarinatae* . . . . . §.131.—2749—2767.
  - b.* *carinatae* . . . . . §.132.—2768—2769.
- 3. Obtecte perforatae . . . . . §.133.—2770—2785.
- 4. Imperforatae,
  - a.* edentulae . . . . . §.134.—2786—2794.
  - b.* dentatae . . . . . §.135.—2795—2800.

VI. Species minus cognitae . . . . . §.136.—2801—2836.

VII. Species quarum definitiones non vidi.

VIII. Specierum fossilium enumeratio con-  
tinuata.

## §. 1.

1. **Busbyi Gray.** (Coll. Nr. 1.) *Nanina Busbyi* (Paryphanta) Pfr., A<sup>2</sup>. 48. — Nova Seelandia (in parte septentrionali insulae septentrionalis: Hochstetter.) (I. 109.)

2. **H. Hochstetteri Pfr.**

T. umbilicata, depressa, solidula, irregulariter rugata et lineis impressis confertis obliquis subgranulata, glutinoso-nitens, fulva, superne lineis crebris undulatis castaneis ornata; spira vix elevata, vertice subtili, obtuso; anfr.  $5\frac{1}{2}$  vix convexiusculi, ultimus depresso-rotundatus, peripheria subangulatus, subtus irregulariter foveatus, nitidior, fasciis latioribus castaneis taeniat; umbilicus mediocris, obliquus, non pervius; apertura perobliqua, lunaris; perist. rectum, antice submembranaceum, marginibus callo albido junctis. — Diam. maj. 65, min. 56, alt. 28 mill. (Mus. Cuming.)

*Helix Hochstetteri* Pfr. in Malak. Bl. VIII. 1861. p. 146.

Habitat in Alpibus calcareis Novae Seelandiae (v. Hochstetter).

Obs. Structura testae evidenter affinis *H. Busbyi*, a qua differt forma depressa, anfractibus lentius accrescentibus, sculptura et colore, nec non umbilico.

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3. (2.) **atramentaria Shuttl. †** — *Nanina atramentaria* (Paryphanta) A<sup>2</sup>. 48. — Nova Hollandia. (III. 630.)  
 4. (3.) **urnula Pfr.** — *Nanina urnula* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (IV. 8.)  
 5. (4.) **Ophiria Pfr.** — *Vitrina heliciformis* Pfr. — *Nanina Ophiria* (Macrochlamys) Mart. Ostas. Zool. II. p. 245. (IV. 8.)

## §. 2.

6. (5.) **Caffra Fér.** (Coll. Nr. 2.) *Helix caffra* (Aerope) A<sup>2</sup>. 83. — *Aerope caffra* Mörch in Journ. Conch. XIII. 1865. p. 395. — Promont. bonae spei. (I. 40.)  
 7. (6.) **Ampulla Bens.** — *Helix Ampulla* (Panda) A<sup>2</sup>. 149. — Mont. Nilgherries. (IV. 9.)  
 8. (7.) **micans Pfr.** (Coll. Nr. 3.) *Pfeifferia micans* Gray, A<sup>2</sup>. 45. — Mörch in Journ. Conch. XIII. p. 385. — Ins. Philippin. (I. 24.)  
 9. (8.) **flammulata Quoy. †** — *Otesia flammulata* H. et A. Adams Gen. II. p. 642. — *Nanina flammulata* (Medyla) A<sup>2</sup>. 47. — *Helicarion flammulatus* Mart. Ostas. Zool. II. p. 185. — Celebes. (I. 61.)  
 10. (9.) **tecta Soul. †** — *Nanina tecta* (Medyla) A<sup>2</sup>. 47. — Cochinchina. (IV. 9.)

11. **H. levicula Benson. †**

« Testa angustissime perforata, globoso-depressa, tenui, oblique striatula, striis spiralibus obsoletis sub lente vix decussata, polita, subdiaphana luteo-cornea; spira convexiuscula, apice

vix elevatiusculo, obtuso, sutura impressa, marginata; anfractibus 3 celeriter accrescentibus, ultimo antice majori, subtus convexo-subconoideo, peripheria superne subangulato-rotundato; apertura obliqua, magna, rotundato-quadrato-lunari, peristomate acuto, superne antrorsum arcuato, margine columellari subverticali, superne breviter reflexo, umbilicum subtegente, basali leviter arcuato. — Diam. maj. 7, min.  $5\frac{1}{4}$ , axis  $3\frac{1}{2}$  mill. Ap. 4 mill. longa,  $4\frac{1}{2}$  lata.» (B.)

*Helix levicula* Bens. in Ann. and Mag. n. h. 3d. ser. III. (May 1859.) p. 391.

Habitat rare ad Phie-Thán Birmaniae.

Obs. Adspectus Vitrinae, sed perforata.

### §. 3.

12. (10.) **Falconari Reeve.** (Coll. Nr. 4.) *Helix Falconari* (Panda) *A*<sup>2</sup>. 149. — Nova Hollandia. — Conf. *Dohrn* in Malak. Bl. IX. 1862. p. 240. (I. 16.)

### §. 4.

13. (11.) **Mac Murrayi Ad.** (Coll. Nr. 5.) *Helix Mac Murrayi* (Cysticopsis) *A*<sup>2</sup>. 145. — Jamaica. (III. 28.)
14. (12.) **dilatata Pfr.** (Coll. Nr. 6.) Eurycratera *A*<sup>2</sup>. 147. — Haiti. (I. 23.)
15. (13.) **tenuis Pfr.** — Habitat? (I. 24.)
16. (14.) **tumida Pfr.** (Coll. Nr. 7.) Cysticopsis *A*<sup>2</sup>. 144. — *H. tuni-cata* Ad. — Jamaica. (I. 24.)
17. (15.) **Buddiana Ad.** — Cysticopsis *A*<sup>2</sup>. 144. — Jamaica. (III. 28.)
18. (16.) **aperta Born.** (Coll. Nr. 8.) Pomatia *A*<sup>2</sup>. 141. — *H. terrestris* Forsk., *naticoides* Drap. — *Pomatia terrestris* Mörch in Journ. Conch. XIII. p. 390. — Europa meridionalis, Algeria. (I. 25.)
19. (17.) **tristis Pfr.** (Coll. Nr. 9.) Pomatia *A*<sup>2</sup>. 141. — *H. ceratina* Shuttl. — *Pomatia tristis* Mörch in Journ. Conch. XIII. p. 390. — Corsica. (I. 25.)
20. (18.) **versicolor Born.** (Coll. Nr. 10.) Polymita *A*<sup>2</sup>. 146. — *Pfr.* in Malak. Bl. X. 1863. p. 198; Novit. conch. p. 238. Nr. 341. t. 61. f. 9—12. (varr.) — Cuba. (I. 26.)
21. (19.) **picta Born.** (Coll. Nr. 11.) Liochila *A*<sup>2</sup>. 147. — *Pfr.* in Malak. Bl. V. 1858. p. 177; VI. 1859. p. 89; XIII. 1866. p. 65; Novit. conch. p. 296. t. 72. f. 4. 5. 19. 20. — *H. venusta* Gmel. — Cuba. (I. 26.)
22. (20.) **sulphurosa Mor.** (Coll. Nr. 12.) Liochila *A*<sup>2</sup>. 147. — *Pfr.* in Malak. Bl. X. 1863. p. 245; Novit. conch. p. 239. Nr. 342. t. 61. f. 13. 44. — Cuba. (III. 29.)
23. (21.) **muscarum Lea.** (Coll. Nr. 13.) Polymita *A*<sup>2</sup>. 146. — *Pfr.* in Malak. Bl. IX. 1862. p. 10; XIII. 1866. p. 57. — *H. globulosa* Fér., *carnicolor* Orb. — Cuba. (I. 27.)
24. (22.) **Trotteriana Bens.** — Pella *A*<sup>2</sup>. 84. — Africa merid. (III. 29.)
25. (23.) **depicta Grat. †** — St. Thomas et New-Orleans (Grat.)?? (I. 27.)

26. (24.) **Mac Andrewiana Pfr.** (Coll. Nr. 14.) *Helix Mac Andrewiana* (Euparypha) A<sup>2</sup>. 130. — *H. ustulata* Lowe. — Ins. Selvages. (III. 625.)
27. (25.) **munda Ad.** — Cysticopsis A<sup>2</sup>. 144. — Jamaica. (III. 30.)
28. (26.) **tenerima Ad.** (Coll. Nr. 15.) Cysticopsis A<sup>2</sup>. 144. — Jamaica. (I. 28.)
29. (27.) **columellata Ad.** — Cysticopsis A<sup>2</sup>. 144. — Jamaica. (III. 30.)
30. (28.) **Cubensis Pfr.** (Coll. Nr. 16.) Polymita A<sup>2</sup>. 146. — *H. Lanierriana* Orb., *penicillata* Gould. — Cuba. (I. 28.)
31. (29.) **comes Poey.** (Coll. Nr. 17.) Cuba. (IV. 11.)
32. (30.) **furva Lowe.** (Coll. Nr. 18.) Leptaxis A<sup>2</sup>. 139. — Madera. (I. 29.)
33. (31.) **Natalensis Pfr.** (Coll. Nr. 19.) Pella A<sup>2</sup>. 84. — Natal. (I. 29.)
34. (32.) **Letranensis Pfr.** (Coll. Nr. 20.) Cuba. (IV. 12.)

## §. 5.

35. (33.) **Bartlettiana Pfr.** (Coll. Nr. 21.) Coryda A<sup>2</sup>. 136. — *Pfr.* in Malak. Bl. V. 1858. p. 177. — Cuba. (III. 31.)

36. **H. Brocheri Gutierrez.**

T. imperforata, oblongo-globosa, solida, striatula, opaca, albida, strigis magis minusve confertis fulvis nonnullisque nigricantibus et fasciis angustis nigris signata; spira alte elevata, vertice obtuso, albo; anfr. 5 convexiusculi, ultimus rotundatus, non descendens; apertura parum obliqua, rotundato-lunaris, intus rubella, submargaritacea; perist. rectum, margine columellari calloso, subverticaliter descendente. — Long. 21—22, diam. 14 mill. (Coll. Nr. 22.)

β. Major, strigis destituta, fascia 1 suturali reticulata, tum 2 latis fuscis et 1 basali nigricante, apertura intus alba.

*Helix Brocheri Gut.* mss. teste *Gundl.* in litt.

— — *Pfr.* Novit. conch. p. 237. Nr. 340. t. 61. f. 7. 8; Malak. Bl. XI. 1864. p. 124.

Habitat in parte extrema orientali insulae Cubae.

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37. (34.) **Lindeni Pfr.** (Coll. Nr. 23.) Coryda A<sup>2</sup>. 136. — *H. immersa* *Gundl.* in *Poey* Memor. II. p. 7; *Pfr.* in Malak. Bl. V. 1858. p. 41. — Cuba. (I. 29: *Lindoni*.)

38. **H. melanocephala Gundlach.**

T. imperforata, globoso-conica, levissime striatula, pallide lutea, fasciis 3 nigricantibus ornata; spira convexo-conica, vertice subtili, acutiusculo; anfr. 4½ convexiusculi, ultimus rotundatus, infra suturam rufo-radiatus, antice breviter deflexus; apertura diagonalis, rotundato-lunaris, intus albida, trifasciata;



perist. simplex, rectum, margine columellari declivi, dilatato, plano. — Diam. maj. 16, min. 13, alt. 12 mill. (Coll. Nr. 24.)

β. Fasciis viridibus et fascia suturali aurantiaca notata.

*Helix melanocephala* Gundl. mss.; Pfr. in Malak. Bl. VI. 1859. p. 88.

Habitat in parte orientali insulae Cubae; var. β. Cayo del Rey (Wright).

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39. (35.) **litturata** Pfr. — Habitat? (III. 31.)

40. (36.) **Cotyledonis** Bens. — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 31.)

41. (37.) **irradiata** Gould. — *Nanina irradiata* (Thalassia) A<sup>2</sup>. 60. — Nova Hollandia. (I. 29.)

#### 42. **H. mucosa** W. et F. Blanford. †

«T. imperforata, conoideo-globosa, tenuissima, pallide interdum subviride luteo-cornea, oblique striata; spira breviter conoidea, apice acutiuscula, sutura marginata. Anfr. 4—5 convexiusculi, rapide accrescentes, ultimus major, non descendens, subtus convexus, ad peripheriam subcompressus. Apertura magna, obliqua, late lunaris; perist. rectum, tenue, margine columellari brevissime appresso-reflexo, perforationem claudente. — Diam. maj. 9½, min. 8, alt. 6 mill. Ap. 5 mill. lata, 4 alta.» (Bl.)

*Helix mucosa* W. et F. Blanf. Contrib. to Ind. Malac. Nr. 2. 1864. p. 7. t. 1. f. 9. t. 2. f. 3.

Habitat haud raro in montibus Nilgiris, prope Pykara, ad Coonoor Ghat et ad Seegoor Ghat.

Obs. «Forma similis *H. honestae* Gould.»

#### 43. **H. seposita** Benson. †

«Testa imperforata, conoideo-globulosa, tenui, obsolete oblique striatula, albida, epidermide cornea induta; spira brevi, conoidea, apice obtuso, sutura impressiuscula; anfractibus 3, superne vix convexiusculis, ultimo magno, ventricosus, pene totam testam efformante, periomphalo leviter excavato; apertura magna, obliqua, rotundato-lunari, peristomate tenui, recto, margine columellari arcuatim descendente, vix expansiusculo. — Diam. maj. 7, min. 5½, axis 5 mill.; apert. long. 4½, lat. 4 mill.» (B.)

*Helix seposita* Bens. in Ann. and Mag. N. H. 3d. ser. III. 1859. Apr. p. 267. (Malak. Bl. 1859. p. 19.)

Habitat prope Darjiling (H. Blanford).

Obs. «An forte Vitrinae species?»

44. **H. trochiscus Pfr.**

T. imperforata, conica, solidula, laevigata, nitidissima, pellucida, cornea; spira convexo-conica; sutura submarginata; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus rotundatus, non descendens; apertura subverticalis, lunaris; perist. simplex, rectum, marginibus remotis, columellari brevi, substricto, calloso-subincrassato. — Diam. maj. 5, min.  $4\frac{1}{2}$ , alt.  $4\frac{1}{4}$  mill. (Mus. Cuming.)

*Helix trochiscus* Pfr. in Proc. Zool. Soc. 1861. p. 20; Malak. Bl. VII. 1861. p. 231.

Habitat in insulis Aroo.

45. **H. Phytostylus Benson. †**

«H. testa imperforata, turbinato-subglobosa, tenui, irregulariter oblique striatula, lineis minutissimis confertissimis spiralis decussata, albida, opaca, strigis obliquis, angustis, luteofuscis, translucentibus, politis ornata, periomphalo, peristomate aperturaque intus colore eodem tinctis; spira convexa, conoidea, sutura impressa, apice obtuso; anfractibus 5 convexiusculis, ultimo rotundato, subtus convexo, periomphalo anguste excavato; apertura obliqua, rotundato-lunari; peristomate tenui, acuto; margine columellari bitorto, superne intrante, circulariter subexcavato, medio angulato-dentato, aetate calloso, aurantiaco. — Diam. maj. 16, min. 14, axis 12 mill.» (B.)

*Helix Phytostylus* Bens. in Ann. and Mag. n. h. (Jun. 1864.) 3d. ser. XIII. p. 492.

Habitat ad Colesberg et prope Riversdale Capitis bonae spei.

46. **H. Capsula Benson. †**

«H. testa imperforata, subconoideo-depressa, tenui, oblique striatula, sub lente minutissime obsolete decussata, translucida, polita, viridescenti-cornea; spira convexiuscula, sutura impressa, submarginata, apice vix elevato, obtuso; anfractibus 4, rapide accrescentibus, convexiusculis, ultimo antice majore, subtus convexo, medio excavato, periphæria rotundata; apertura obliqua, orbiculato-lunata, intus margaritacea, peristomate acuto; margine columellari arcuato, superne vix incrassato. — Diam. maj. 13, min. 10, axis 6 mill.» (B.)

*Helix Capsula* Bens. in Ann. and Mag. n. h. (Jun. 1864.) 3d. ser. XIII. p. 492.

Habitat prope «Simon's Bay» Capitis bonae spei.

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47. (38.) **fulva Drap.** (Coll. Nr. 25.) *Hyalina fulva* (Conulus) A<sup>2</sup>. 73.  
— Bielz Faun. Siebenb. p. 42. — *H. trochiformis* Mont., *trochilus*

*Flem.*, *nitidula* Alt., *Mandalisci* Biv. — *H. chersina* Binn. Terr. Moll. IV. p. 119. — *Zonites Mandalisci* (Conulus) Bourg. Malac. Alg. I.? — *Hyalina* (Petasia) *fulva* Mörch Moll. Dan. p. 14; Journ. Conch. XIII. p. 380. — Var.: *H. Mortoni* Jeffr. — Europa media, America borealis. (I. 30.)

#### 48. **H. subfulva** Gassies. †

«Testa rimata, turbinato-globosa, conoidalis, cornea vel fusca, nitida, minutissime striatula; anfractus 6 convexi, gradatim accrescentes, ultimus basi convexiusculus, antice descendens, subcarinatus; apice nitidulo; apertura subrotunda, depressa; peristoma rectum, simplex, acutum; columella vix patula; sutura impressa. — Diam. maj.  $5\frac{1}{4}$ , min.  $4\frac{1}{2}$ , alt.  $\frac{1}{4}$  mill.» (G.)

*Zonites subfulvus* Gass. in Journ. Conch. XIV. 1866. p. 49.

Habitat in insula Art Novae Caledoniae (Montrouzier).

Obs. Differt a *Z. fulvo* solum anfractibus magis turbinatis, sutura profundiore et apertura non depressa.

#### 49. **H. pupula** Gould. †

«T. minuta, ovato-conica, levis, succinea, infra convexa, indentata; anfr. 6 + tabulatis, ad peripheriam obtuse angulatis. Apertura transversa, lunata; labro simplici, columella recta, reflexa. — Axis ad  $\frac{1}{5}$  poll.» (G.)

*Helix pupula* Gould in Proc. Bost. Soc. VI. 1859. p. 423; Otia conch. p. 102.

*Hyalina pupula* (Conulus) Mart. Ostas. Zool. II. p. 17.

Habitat Hakodadi insulae Jesso.

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50. (39.) **Fabricii** Beck. — *Hyalina Fabricii* (Conulus) A<sup>2</sup>. 73. — *H. nitida* Fabr. — Grönlandia. (III. 32.)

51. (40.) **egena** Say. (Coll. Nr. 26.) *Hyalina* (Petasia) *egena* Mörch in Journ. Conch. XIII. p. 380. — Amer. bor. (I. 31.)

52. (41.) **semen lini** Moric. (Coll. Nr. 27.) *Hyalina semen lini* (Conulus) A<sup>2</sup>. 73. — Brasilia. (I. 31. III. 32.)

53. (42.) **nana** Hutt. † — *Nanina nana* (Orobis) A<sup>2</sup>. 58. — Himalayah. (I. 31.)

54. (43.) **Kermadeci** Pfr. (Coll. Nr. 28.) Hab. in Archipelago Kermadec. (IV. 13.)

#### 55. **H. miccyla** Benson. †

«Testa imperforata, globoso-conoidea, tenui, striatula, nitidula, fusco-cornea, translucida; spira truncato-conica, sutura impressa, apice obtusissimo; anfractibus 4 convexis, ultimo globoso, antice sensim descendente; apertura lunato-rotundata, obliqua, peristomate acuto, margine dextro arcuato, columellari

acuto, verticali, cum basali angulum fere rectum efformante. — Long.  $1\frac{1}{2}$ , diam. 1 mill.» (B.)

*Helix miccyla* Bens. in Ann. and Mag. n. h. 3d. ser. V. (May 1860) p. 384.

Habitat ad Matelle insulae Ceylon (Layard).

Obs. «Affinis *H. Orculae* Bens., sed minor, illius sculptura peculiari destituta, apice obtusissimo et labii columellaris formatione destincta.»

### §. 6.

56. (44.) **coelatura Fér.** (Coll. Nr. 29.) *Nanina coelatura* (Xesta) A<sup>2</sup>. 50. — *H. exarata* Wieg. — Ins. Bourbon. (I. 20.)
57. (45.) **simplex Lam. †** — *Nanina simplex* (Xesta) A<sup>2</sup>. 51. — Amboina (Beck). (I. 20.)
58. (46.) **Haldemaniana Ad.** (Coll. Nr. 30.) *H. arboreoides* Ad. — *Sagda arboreoides* (Hyalosagda) A<sup>2</sup>. 77. — Jamaica. (I. 32.)
59. (47.) **electrina Jacq. †** — Guam. (IV. 13.)
60. (48.) **Adamsi Pfr.** (Coll. Nr. 34.) *Nanina Adamsi* (Microcystis) A<sup>2</sup>. 49. — Ins. Pitcairn. (III. 33.)
61. (49.) **aurulenta Beck.** — *Nanina aurulenta* (Microcystis) A<sup>2</sup>. 49. — Ins. Pitcairn. (III. 626.)
62. (50.) **fusca Mont.** (Coll. Nr. 32.) Fruticicola A<sup>2</sup>. 104. — Bielz Faun. Siebenb. p. 61 \*)? — *H. subrufescens* Mill. — Britannia et Hibernia; Dax Galliae. (I. 33.)
63. (51.) **omega Pfr.** — *Nanina omega* (Paryphanta) A<sup>2</sup>. 48. — *H. compressivoluta* Reeve. — Nova Seelandia. (III. 33.)
64. (52.) **Jacksoniensis Gray.** — Nova Hollandia. (IV. 14.)
65. (53.) **phlogophora Pfr.** (Coll. Nr. 33.) *Nanina phlogophora* (Paryphanta) A<sup>2</sup>. 48. — *H. multilimbata* Jacq. — *H. flammigera* Pfr. 1852. — Nova Seelandia. (III. 34.)
66. (54.) **brunnea Ant.** (Coll. Nr. 34.) *Nanina brunnea* (Microcystis) A<sup>2</sup>. 49. — Ins. Pitcairn. (I. 33.)
67. (55.) **subtilis Ant.** (Coll. Nr. 35.) *Nanina subtilis* (Microcystis) A<sup>2</sup>. 49. — *H. vitrinella* Beck. — Oheatora. (I. 33.)

### 68. **H. pisolina Gould. †**

«Testa fragilis, vitrea, levis, mellita, orbicularis, subtus convexior, imperforata; anfr.  $3\frac{1}{2}$  depressis, ad peripheriam rotundatis. Apertura lunata, labro ubique simplici. — Diam.  $\frac{1}{4}$ , axis  $\frac{1}{6}$  poll.» (G.)

*Nanina pisolina* Gould in Proc. Bost. Soc. VI. 1859. p. 423; Otia conch. p. 102.

Habitat in Promontorio bonae spei?

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\*) «Testa anguste-perforata, subglobosa, cornea, fusca aut virens, coriacea et squamulis densis, minutissimis, cinereis pruinosa; apertura late lunata; peristomate vix patulo, acuto, membranaceo, ad umbilicum solum reflexo. Alt. 2—2, 8; lat.  $2\frac{1}{2}$ —3 lin.; anfr. 5. — Synon. *H. sericea* M. Bielz, nec Drap. et Müll. — Transylvania.» (Bielz l. c.)

69. (56.) **margarita Jacq.** † — Ins. Vavao. (IV. 14.)

70. **H. Parramattensis Cox.** †

«Hel. testa imperforata, depresso-globosa, conica, levissima, tenui, nitente, flavicante, sutura impressa; anfractibus 6, ultimo convexo, ceteris subaequantibus, spira obtusa; apertura ovato-lunari; peristomate simplici rectoque. — Diam. maj. 0, 12, min. 0, 10, alt. 0, 09 unc.» (C.)

*Helix Parramattensis Cox* Catal. Austral. landsh. 1864. p. 20.  
Habitat Parramatta Australiae.

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71. (57.) **stylodon Pfr.** (Coll. Nr. 36.) *Erepta* A<sup>2</sup>. 150. — *H. monodonta* Grat. — *H. albidens* Bens. — Ins. Mauritii. (I. 34.)

72. (58.) **odontina Morel.** † — *Erepta* A<sup>2</sup>. 150. — Ins. Mauritii. (III. 34.)

73. (59.) **callifera Pfr.** (Coll. Nr. 37.) *Nanina callifera* (Microcystis) A<sup>2</sup>. 49. — Ins. Marquesas. (III. 34.)

74. (60.) **guttula Pfr.** (Coll. Nr. 38.) *Nanina guttula* (Thalassia) A<sup>2</sup>. 59. — Nova Seelandia, Ins. Nicobar. (Zelebor). (III. 626.)

75. (61.) **Tullia Gray.** — *Nanina Tullia* (Thalassia) A<sup>2</sup>. 59. — Nova Seelandia. (III. 35.)

76. **H. striolata Pease.** †

«Testa pusilla, orbicularis, tenuis, fragilis, imperforata; spira leviter elevata, infra convexa, striis minutis revolvendis ornata; anfr. 5 rotundati, peripheria leviter angulati; apertura lunata; laete cornea.» (P. angl.) — Dimensiones desiderantur.

*Helix striolata Harper Pease* in Proc. Zool. Soc. Lond. 1860. p. 439.

Habitat in insula Ebon «Marshall's Group».

Obs. Ad hanc sectionem *H. Samboanga Jacq.* (Nr. 1861 in §. 87) comparetur.

§. 7.

77. (62.) **Powisiana Pfr.** — *Helix involuta* Pfr. olim. — Nova Granada. (I. 34.)

78. (63.) **orbis Beck.** (Coll. Nr. 39.) *Nanina orbis* (Microcystis) A<sup>2</sup>. 49. — *Helix planulata* Ant. — Opara. (I. 32.)

79. (64.) **exaequata Gould.** (Coll. Nr. 40.) *Nanina exaequata* (Microcystis) A<sup>2</sup>. 49. — *Helix disculus* Pfr. olim. — *Helix obtusangula* Pfr. olim. — β. Major, anfr. 7½; diam. maj. 10⅓, min. 9½, alt. 4½ mill. — Ins. Sandwich. (III. 35.)

80. (65.) **Proserpinula Pfr.** — *Proserpina discoidea* Ad. — *Sagda discoidea* (Proserpinula) A<sup>2</sup>. 78. — Jamaica. (III. 35.)

81. (66.) **nematophora Pfr.** — Ins. Salomonis. (IV. 15.)

82. **H. simillima Pease.** †

«H. t. orbiculari, tenui, fragili, subpellucida, glabra, nitida, laevigata, supra planulata, vix elevata, subtus plano-convexa, imperforata, in foveam centralem devexa, ad peripheriam late rotundata; anfr. 4; sutura distincta; apertura lata, lunari. — Diam. 9, alt. 4 mill.» (P.)

*Helix simillima Harper Pease* in Proc. Zool. Soc. 1864. p. 669. Habitat in insulis Oceani pacifici centralis.

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83. (67.) **rotula Jacq.** † — Mangareva. (IV. 16.)

## §. 8.

84. (68.) **pagodula Pfr.** — Habitat? (IV. 16.)

85. (69.) **rectangula Pfr.** (Coll. Nr. 41.) — *Nanina rectangula* (Trochomorpha) A<sup>2</sup>. 60. — Ins. Marquesas. (I. 35.)

86. (70.) **conus Phil.** (Coll. Nr. 42.) *Nanina conus* (Trochomorpha) A<sup>2</sup>. 60. — *Trochomorpha conus* (Videna) Mart. Ostas. Zool. II. p. 253. \*) — Java. (I. 35.)

(71. *conicoides Metc.* vid. Nr. 127 in §. 9a.)

87. **H. Lescaillei Gundlach.**

T. imperforata, turbinata, tenuis, striatula, pellucida, parum nitida, virenti-albida; spira conica, vertice minuto, rubro, rarissime concolore; anfr. 4 convexiusculi, celeriter accrescentes, ultimus ad suturam linea rufa notatus, infra medium angulatus, subtus convexus, nitidior; apertura obliqua, truncato-ovalis; perist. simplex, rectum, margine basali cum columella filosa, subverticali angulum obtusum formante. — Diam. maj. 15, min. 12<sup>1</sup>/<sub>3</sub>, alt. 10<sup>1</sup>/<sub>3</sub> mill. (Coll. Nr. 43.)

*Helix Lescaillei Gundl.* mss.; *Pfr.* in Malak. Bl. VI. 1859. p. 89. Habitat in districto Guantanamensi insulae Cubae.

Obs. Testa columellae et aperturae forma Vitrinis similis, sed animal Helicis.

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\*) «Testa obtecte perforata, elate conica, acute carinata, striatula et supra carinam lineis spiralibus impressis subundulosis circa 7 sculpta, fulvocastanea, zona suturali et carina alba, basi concolore, valde nitida; spira exacte conica; anfr. 8, supremi globosi, decolores, sequentes plani; ultimus basi vix convexiusculus; regione umbilicali excavata, perforatione ipsa in junioribus angustissima, in adultis plane clausa, antice haud descendens; apertura parum obliqua, rhombeo-securiformis; peristoma rectum, simplex excepto margine columellari incrassato, albo, sat decliviter descendente. — Diam. maj. 12<sup>1</sup>/<sub>2</sub>, min. 11, alt. 8<sup>1</sup>/<sub>2</sub>; apert. long. 7, lat. 3<sup>1</sup>/<sub>2</sub> mill.» (v. M.)



88. **H. Lassevillei Gundl.**

T. imperforata, turbinata, tenuissima, striatula, hyalina; spira convexo-conoidea, vertice obtusulo, concolore; anfr. 4 convexiusculi, regulariter accrescentes, ultimus non descendens, acute carinatus, subtus modice convexus; apertura fere diagonalis, rhombeo-lunaris; perist. simplex; rectum, margine columellari brevi, subverticali, vix incrassato, cum basali arcuatim juncto. — Diam. maj.  $11\frac{1}{2}$ , min. 10, alt. 8 mill. (Coll. Nr. 44.)

*Helix Lassevillei Gundl.* mss.; *Pfr.* in Malak. Bl. VIII. 1864. p. 220.

Habitat in monte « Gran Piedra » partis orientalis insulae Cubae.

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89. (72.) **Lychnia Bens.** (Coll. Nr. 45.) *Mart.* Ostas. Zool. II. p. 255. \*) — *Nanina lychnia* (Trochomorpha) A<sup>2</sup>. 60. — *Trochomorpha lychnia* Wallace in Proc. Zool. Soc. 1865. p. 407: Malacca. — *Blanf.* Contrib. to Ind. Malac. Nr. 2. p. 12: inter Pykara et Seegoor in Nilgiris. (III. 626.)

89a. **H. imperfecta Deshayes. †**

«H. testa turbinata, depressa, imperforata, ad peripheriam acute angulata, tenui pellucida, fragili, pallide fusca, spira brevi, conica apice acuta; anfractibus quinque, primis duobus laevigatis, mamillatis, caeteris planis, sutura marginata junctis, transversim minute et eleganter striatis; ultimo anfractu medio carinato, subtus convexo, apertura magna, perobliqua, subquadrangulari; margine tenui, acuto, simplici. — Diam. 11, alt. 7 mill.» (D.)

*Helix imperfecta Desh.* Catal. moll. île Réunion p. 89. t. 10. f. 24 — 26.

Habitat in insula Bourbon.

Obs. Peraffinis videtur *H. securiformi Desh.*, *Fér.* Hist. t. 64 A. f. 5. 6. (*Pfr.* Mon. Hel. III. p. 57) mihi incognitae, etsi haec subperforata dicatur. Nonne eadem?

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90. (73.) **ornatella Beck.** (Coll. Nr. 46.) *Nanina ornatella* (Microcystis) A<sup>2</sup>. 49. — *H. realis Mlf.* — Ins. Pitcairn. (III. 38.)  
 91. (74.) **succinulata Guill.** (Coll. Nr. 47.) *Nanina succinulata* (Microcystis) A<sup>2</sup>. 49. — Guam. (IV. 17.)

«Testa imperforata, carinata, depresse conica, basi convexa, leviter striatula, nitida, virescentifusca, concolor; spira conica, obtusiuscula, sutura cingulata; anfr.  $6\frac{1}{2}$ , planiusculi, lente crescentes, ultimus *carina duplicata*, basi sat convexus, regione umbilicali leviter excavata, antice haud descendens; apertura subverticalis, anguste securiformis; peristoma rectum, margine basali arcuato, sigmoideo, columellari leviter incrassato. — Diam. maj. 11, min. 10, alt. 6; apert. long.  $5\frac{1}{2}$ , lat.  $3\frac{1}{2}$  mill.» (v. M.)

92. (75.) **misella Fér.** (Coll. Nr. 48.) *Nanina misella* (Microcystis) A<sup>2</sup>. 49. — *Macrochlamys misella* Wallace in Proc. Zool. Soc. 1865. p. 405: ins. Aru. — Guam, ins. Sandwich, Borneo. (I. 38.)
93. (76.) **radians Pfr.** (Coll. Nr. 49.) *Nanina radians* (Microcystis) A<sup>2</sup>. 49. — Tahiti, Port Jackson. (III. 39.)

94. **H. Schmeltziana Mousson.** †

T. imperforata, depresso-conica, carinata, pertenuis, pellucida, supra minus, infra satis nitida, corneo-virens. Spira obtusiuscula, regularis; summo minuto, obtusulo; sutura lineari, non impressa. Anfr. 5½, planiusculi; ultimus non descendens, acute subcompresso-carinatus, secundum carinam suturatus corneus, subtus convexior, in centro breviter impressus. Apertura mediocriter obliqua, oblique trapezialis. Perist. acutum, rectum; marginibus distantibus; columellari brevi, non reflexo. — Diam. maj. 7, min. 6, alt. 4 mill. (M.)

*Nanina Schmeltziana* Mouss. in Journ. Conch. XIII. 1865. p. 167.

Habitat in insula Upolu (Gräffe).

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95. (77.) **Mariae Gray.** (Coll. Nr. 50.) *Nanina Mariae* (Thalassia) A<sup>2</sup>. 59. — *H. umbraculum* Pfr. — Nova Seelandia. (III. 39.)
96. (78.) **cultrata Gould.** † — *Nanina cultrata* (Microcystis) A<sup>2</sup>. 49. — Taheiti, Eimeo. (I. 37.)
97. (79.) **pertenuis Gould.** † — *Nanina pertenuis* (Microcystis) A<sup>2</sup>. 49. — Ins. Aurora. (I. 38.)
98. (80.) **Tongana Quoy.** (Coll. Nr. 54.) *Nanina tongana* (Trochomorpha) A<sup>2</sup>. 61. — Tonga Tabou, ins. Philippin. (I. 38.)

99. **H. Selenkai Pfr.**

T. imperforata, trochiformis, tenuissima, levissime striatula, nitida, pellucida, cornea vel hyalina; spira conica, vertice acutiusculo; sutura impressa; anfr. 6 convexiusculi, lente accrescentes, ultimus non descendens, subacute carinatus, subtus convexior; apertura parum obliqua, subangulato-lunaris; perist. simplex, rectum, acutum. — Diam. maj. 5, alt. 4 mill. (Coll. Nr. 52.)

*Helix Selenkai* Pfr. in Malak. Bl. XIII. 1866. p. 77.

Habitat Mirador, Veracruz reipublicae mexicanae (Berendt).

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100. (81.) **trochulina Mor.** † — Guatemala. (III. 40.)
101. (82.) **fastigiata Hutt.** (Coll. Nr. 53.) *Nanina fastigiata* (Trochomorpha) A<sup>2</sup>. 60. — Himalayah. (III. 40.)
102. (83.) **scalarina Pfr.** — *Nanina scalarina* (Microcystis) A<sup>2</sup>. 49. — *H. gradata* Pfr. olim. — Ins. Philippin. (I. 38.)

103. **H. Billeheusti Crosse et Fischer. †**

«T. imperforata, conica, tenuissima, laevis, pellucida, unicolor, pallide cornea; spira subelevata, apice obtusula; sutura marginata; anfr. 6 sensim accrescentes, planiusculi, ultimus filocarinatus, non descendens, subtus vix convexus; apertura subverticalis, lunato-rotundata; columella recta, expansiuscula; marginibus (basali et externo) simplicibus, acutis. — Diam. maj.  $3\frac{1}{4}$ , min. 3, alt.  $2\frac{1}{2}$  mill.» (Cr.)

*Helix Billeheusti Crosse et Fisch.* Journ. Conch. XII. 1864. p. 327. t. 13. f. 8.

Habitat in loco Fuyen-moth dicto Cochinchinae.

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104. (84.) **subrutila Migh.** (Coll. Nr. 54.) *Nanina subrutila* (Microcystis) A<sup>2</sup>. 49. — Oahu. (I. 39.)

105. (85.) **cryptoportica Gould. †** — Ins. Sandwich. (I. 39.)

106. (86.) **calculosa Gould. †** (Otia conch. p. 224.) — *Nanina calculosa* (Trochomorpha) A<sup>2</sup>. 60. — Tahiti. (III. 44.)

107. **H. normalis Pease. †**

«H. t. subconoidea, subtus convexa, imperforata, tenui, fragili, nitidula, rufa vel pallide cornea; anfr. 5—6, rotundato-convexis; vix oblique dense et confertim striolatis, marginatis, ultimo carinato, regione umbilicali impressa; labro tenui, acuto, supra axim reflexo. — Diam. 4 alt. 3 mill.» (P.)

*Helix normalis Harper Pease* in Proc. Zool. Soc. 1864. p. 669.

Habitat in insulis Oceani pacifici centralis.

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108. (87.) **subtilissima Gould. †** — Ins. Sandwich. (I. 434.)

## §. 9.

109. (88.) **pemphigodes Pfr.** (Coll. Nr. 55.) *Pfr.* in Malak. Bl. V. 1858. p. 41; VI. 1859. p. 89; XIII. 1866. p. 57. — *Cysticopsis* A<sup>2</sup>. 145. — *H. pelliculata Gundl.* in Poey Memor. II. p. 7. — Cuba. (I. 35.)

110. (89.) **philyrina Mor.** — *H. mucronata Pfr.* olim. — Ins. Mauritii. (III. 36.)

111. (90.) **leucostyla Pfr.** — *H. stylodon Reeve.* — Ins. Mauritii. (IV. 48.)

112. (91.) **Mauritianella Mor. †** — *Erepta* A<sup>2</sup>. 150. — Ins. Mauritii. (III. 37.)

113. (92.) **Campbelli Gray.** — Ins. Phillip. (I. 35.)

114. (93.) **strigillata Jan. †** — *America meridionalis?* (I. 36.)

115. (94.) **Stoddarti Gray.** — Ins. Phillip. (I. 36.)

116. (95.) **catinus Pfr.** — Ins. Admiralitatis. (IV. 48.)

117. (96.) **Bollei Alb.** — *Leptaxis* A<sup>2</sup>. 139. — Ins. Promontorii viridis. (IV. 49.)

118. (97.) **Tais Jacq. †** Voy. pol. Sud t. 7. f. 42—45. — Ins. Marquesas.

119. (97β.) **tropidophora** Ad. et Rv. (Coll. Nr. 56.) Mart. Ostras. Zool. II. p. 256\*) — *Helix Tais* Pfr. Mon. III, p. 37; IV. p. 19. — *Nanina Thais* (Trochomorpha) A<sup>2</sup>. 60. — *Trochomorpha tropidophora* Wallace in Proc. Zool. Soc. 1865. p. 408. — Borneo.

119a. **H. Frappieri Deshayes.** †

«H. testa suborbiculari, ad peripheriam angulata, cornea, flavo-fusca, pellucida, fragili, oblique tenue plicata, spira apice obtusa; anfractibus senis, angustis, lente crescentibus, convexiusculis, sutura submarginata distinctis; ultimo subtus convexo, in medio concavo; apertura angusta, oblique semilunari, lateraliter obtuse angulata. — Diam. 11, alt. 5 mill.» (D.)

*Helix Frappieri* Desh. Catal. moll. île Réunion 1863. p. 86.  
t. 10. f. 15 — 17.

Habitat in insula Bourbon.

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120. (98.) **membranacea** Lowe. (Coll. Nr. 57.) Leptaxis A<sup>2</sup>. 139. — Madera. (III. 38.)  
121. (99.) **Cuticula Shuttl.** † — Leptaxis A<sup>2</sup>. 139. — Teneriffa, Palma. (III. 39.)  
122. (100.) **Chamissoi** Pfr. (Coll. Nr. 58.) Ins. Sandwich. (IV. 49.)  
123. (101.) **Boholensis** Pfr. (Coll. Nr. 59.) *Nanina boholensis* (Orobolia) A<sup>2</sup>. 58. — Ins. Philippin. (I. 36.)  
124. (102.) **insculpta** Pfr. (Coll. Nr. 60.) *Nanina insculpta* (Thalassia) A<sup>2</sup>. 59. — *Trochomorpha insculpta* Mart. Ostras. Zool. II. p. 74\*\*) ? — Ins. Norfolk (Cuming). (I. 36.)  
125. (103.) **spirulata** Pfr. (Coll. Nr. 61.) Pelia A<sup>2</sup>. 91. — America centralis. (I. 37.)  
126. (104.) **cicercula** Gould. † — *Nanina cicercula* (Microcystis) A<sup>2</sup>. 49. — Ins. Hawaii. (I. 39.)

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\*) «Testa imperforata, carinata, conica, apice obtusa, basi convexa; distincte striatula, fusconigricans, supra lineis spiralibus obsolescentibus decussata, minus nitida, infra magis nitida; spira convexiuscule conica, obtusa; anfr. 5½ — 6, singuli vix convexiusculi, lente crescentes, ultimus antice haud descendens; carina superne at non inferne sulco limbata; regio umbilicalis excavata; apertura parum obliqua, anguste securiformis; peristoma rectum, acutum, margine valde incrassato, albo, basali substricto. — Diam. maj. 11½, min. 10, alt. 7; apert. long. 6, lat. 3½ mill.» (v. M.)

\*\*) «Testa convexe conica, imperforata, carinata, confertim costulata, obscure castanea; anfr. 5, ultimus basi parum convexus, nitidus, vix striatulus; apertura parum obliqua, triangulari-securiformis; peristoma simplex, acutum, margine columellari incrassato, subverticali, albo, distincte unidentato, margine basali flexuoso. — Diam. maj. 8, min. 7½, alt. 5; apert. long. 4, alt. 3 mill. — Siam. — Affinis *H. lychniae* Bens.» (v. M.)

## §. 9 a.

**(carinatae, spiraliter sculptae.)**

127. (71.) **conicoides Metc.** — *Mart. Ostas. Zool. II. p. 256.\**) — *Nanina conicoides* (Trochomorpha) *A<sup>2</sup>. 60.* — *Trochomorpha conicoides* *Wallace* in *Proc. Zool. Soc. 1865. p. 407.* — *Borneo.* (III. 37.)

128. **H. Labuanensis Pfr.**

T. imperforata, conoideo-depressa, tenuis, carinata, striatula et liris minutis elevatis prope suturam distinctioribus cincta, cornea; spira concaviusculo-conoidea, apice acutiuscula; sutura marginata; anfr. 7 subplani, lente accrescentes, ultimus non descendens, acutissime carinatus, basi parum convexus; apertura obliqua, depresse securiformis; perist. simplex, rectum, margine supero brevi, antrorsum arcuato, basali a carina recedente, leviter arcuato, ad insertionem subcalloso. — Diam. maj.  $46\frac{1}{2}$ , min. 15, alt. 6 mill. (Coll. Nr. 62.)

*Helix Labuanensis* *Pfr.* in *Proc. Zool. Soc. 1863. p. 523;*  
*Novit. conch. Fasc. XXV. p. 304. Nr. 416.*  
*t. 74. f. 4. 5.*

— *vitrea Bonnet* in *Rev. et Mag. Zool. 1864. p. 68. t. 5. f. 3.*

Habitat in insula Labuan (H. Low).

Obs. Nonne praecedenti nimis affinis?

129. **H. Sylvana Dohrn et Semper.**

«Testa exumbilicata, conoideo-depressa, solidula, oblique striata, sub lente minutissime concentrice lirata, arctispira, acute carinata, carina in anfractibus superis subexserta; cornea ad suturam rufofilosa; spira obtusa, apice pellucido; anfr. 7—8 angusti, lente accrescentes, vix convexi, ultimus basi nitidus, parum convexus, circa columellam leviter immersus; apertura angusta, peristomio acuto, recto. — Diam. maj. 48, min.  $46\frac{1}{2}$ , alt. 7, apert. lat. 9, alt.  $2\frac{2}{3}$  mill.» (D. — Coll. Nr. 63.)

*Nanina Sylvana* *Dohrn et Semper* in *Malak. Bl. IX. 1862.*  
*p. 205.*

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\*) «Testa imperforata, acutissime carinata, depresse conica, lateribus concavis, apice grossiusculo, prominente, basi paulum convexa; fusco-cornea, striatula, supra lineis spiralibus distinctis clathratula, opaca, infra nitida; anfr. 7, singuli planiusculi, ultimus antice non descendens; regio umbilicalis haud distincte excavata; apertura satis obliqua, anguste lunata; peristoma rectum, acutum, margine basali modice arcuato, antrorsum convexo, columellari ad insertionem incrassato, albescente. — Diam. maj. 44 —  $44\frac{1}{2}$ , min.  $9\frac{1}{2}$  — 13, alt.  $5\frac{1}{2}$  — 7; apert. long. 6 — 7, lat.  $2\frac{1}{2}$  — 3 mill.» (v. M.)

*Helix Sylvana* Pfr. Novit. conch. p. 220. Nr. 323. t. 58. f. 3. 4.  
Habitat Pulobatú insulae Mindanao (Dr. C. Semper).

130. **H. conula Pease.** †

«T. tenuis, imperforata, conoidea, subtus convexa; anfr. 5, convexo-rotundati, ultimus peripheria carinatus; sutura impressa; anfr. superiores striis revolvantibus, subdistantibus, in ultimo obsoletis ornati; basis subtiliter radiato-striata; apertura triangulari-lunaris; columella incrassata, tortuosa, basi subreflexa, processum dentiformem formans. — Diam. 7, alt. 5 mill.» (P. angl.)

*Helix conula* Harper Pease in Proc. Zool. Soc. 1861. p. 243.  
Habitat in insula Tahiti.

§. 9b.

(**carinatae granulatae.**)

131. **H. Gomerensis Morelet.** †

«T. imperforata, subdepressa, tenuis, subdiaphana, irregulariter striata, sub lente minutissime granulata, nitida, pulchre castanea, fasciis 2 ad 4 saturatioribus plus minusve distinctis ornata, interdum luteo ad suturas flammulata; anfr. 4 parum convexi, ultimus magnus, superne carinatus, antice descendens; apertura transverse ovalis, intus nitida, violacescens; peristoma simplex, margine columellari dilatato, appresse reflexo. — Diam. maj. 22, min. 18, alt. 11 mill.» (M.)

*Helix Gomerensis* Mor. in Journ. Conch. XII. 1864. p. 157.  
Habitat in insula Gomera Canariensium.

§. 10.

132. (105.) **Nicobarica Chemn.** — *Nanina nicobarica* (Ariophanta) A<sup>2</sup>. 55. Nicobar. (I. 40.)

133. (106.) **semirugata Beck.** (Coll. Nr. 64.) Dorcasia A<sup>2</sup>. 107. — *H. globulus* Chemn. — Bengalia. (I. 40.)

134. (107.) **Tranquebarica Fabr.** (Coll. Nr. 65.) Dorcasia A<sup>2</sup>. 107. — β. Minor; diam. maj. 23, min. 19½, alt. 16 mill. Madras. Dedit *Blanford.* — Tranquebar. (I. 41.)

135. (108.) **corneovirens Pfr.** — Leptaxis A<sup>2</sup>. 139. — San Nicolao Promont. viridis. (III. 41.)

136. **H. Cochinchinensis Pfr.**

T. perforata, subturbinato-globosa, tenuis, leviter striata et striis spiralibus remotioribus subdecussata, superne vix nitidula, pallide fulvida; spira conoidea, vertice minuto; anfr. 5½ convexiusculi, ultimus non descendens, inflatus, subtus laevigatus, nitidus, pallidior; apertura obliqua, rotundato-lunaris, intus



margaritacea; perist. simplex, rectum, marginibus subconniventibus, columellari subincrassato, superne in laminam fornicato-reflexam dilatato. — Diam. maj.  $22\frac{1}{2}$ , min.  $19\frac{1}{2}$ , alt.  $16\frac{1}{2}$  mill. (Coll. Crosse.)

*Helix Cochinchinensis* Pfr. in Journ. Conch. X. 1862. p. 230.  
t. 10. f. 3.

Habitat in Cochinchina.

### 137. **H. Selskii Gerstfeldt.** †

«T. angustissime subobtecto perforata, subglobosa, tenuis, transparens, confertim striata, nitidula, flavescens, rufo-trifasciata; spira prominula, acutiuscula; anfr. 5, celeriter accrescentes, convexiusculi, ultimus ventricosus, antice vix deflexus; apertura ampla, lunato-rotundata; perist. rectum, acutum, margine columellari dilatato, fornicatim reflexo, umbilicum angustissimum semitegente. — Diam. maj. 20, min. 16, alt. 18 mill.» (G.)

*Helix Selskii* Gerstf. in Mém. sav. prés. Ac. Petersb. IX. 1859.  
p. 519. f. 28.

Habitat ad fluvium Amur.

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138. (109.) **Ammonia Val.** † — *Nanina Ammonia* (Ariophanta) A<sup>2</sup>.  
55. — Habitat? (III. 41.)

139. (110.) **Sieboldiana Pfr.** (Coll. Nr. 66.) Mart. in Malak. Bl. 1860.  
p. 33; (Acusta) Ostas. Zool. II. p. 22. — *Nanina Sieboldiana*  
(Acusta) A<sup>2</sup>. 56. — *H. ravida* Pfr. olim. — β. Paulo major, olivaceo-cornea: ins. Formosa (Swinhoe). (III. 42.)

140. (111.) **naevula Mor.** (Coll. Nr. 67?) Cuba. (III. 42.)

### 141. **H. ampla Pfr.**

T. perforata, subconoideo-globosa, solidula, irregulariter striata, pallide cornea; spira conoidea, vertice obtusulo; sutura impressa, subcrenata; anfr. 5 connexiusculi, ultimus magnus, inflatus, antice descendens; apertura parum obliqua, ampla, rotundato-lunaris, intus submargaritacea; perist. simplex, rectum, marginibus convergentibus, dextro perarcuato, columellari breviter fornicatim reflexo. — Diam. maj. 42, min.  $40\frac{1}{2}$ , alt. 9 mill. (Coll. Nr. 68.)

*Helix ampla* Pfr. in Malak. Bl. XIII. 1866. p. 78.

Habitat Mirador, Veracruz reipublicae mexicanae (Dr. Berendt).

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142. (111 a.) **horripila Mor.** — Pfr. Mon. IV. p. 343. — Ins. Azor.

143. (112.) **granum Pfr.** (Coll. Nr. 69.) Nova Seelandia. (IV. 20.)

144. (113.) **Orcula Bens.** (Coll. Nr. 70.) *Nanina orcula* (Orobis) A<sup>2</sup>.  
58. — Bengalia. (III. 42.)

145. (114.) **dioscoricola** Ad. (Coll. Nr. 71.) *Hyalina dioscoricola* (Conulus) A<sup>2</sup>. 73. — Jamaica. (I. 42.)

146. (115.) **punctum** Mor. † — Yucatan. (III. 43.)

147. **H. Calpis Benson.** †

« Testa perforata, ovato-globosa, regulariter oblique subremote impresso-striatula, polita, lutescente-cornea, lineis spiralibus pallidis cincta; spira ovato-conica, apice obtuso, sutura impressa; anfractibus  $4\frac{1}{2}$  convexis, ultimo ventricosus, antice sensim descendente, verticaliter elongato, ad parietem horizontaliter complanato, circa perforationem excavato; apertura vix obliqua, verticaliter truncato-ovata, peristomate tenui, recto, margine columellari subverticali, expanso, revoluto-reflexo, perforationem satis magnam celante. — Diam. maj. 4, long.  $5\frac{1}{2}$  mill.; apert. long. 3, diam. 2 mill. » (B.)

*Helix Calpis Bens.* in Ann. and Mag. N. Hist. 3d. ser. III. (Apr. 1859). p. 268. (Malak. Bl. 1859. p. 20.)

Habitat in valle Rungun, prope Darjiling.

Obs. Specimina adulta quasi distorta apparent, anfr. ultimo versus aperturam elongato.

§. 11.

148. **H. Cambojiensis Reeve.**

T. sinistrorsa, angustissime umbilicata, turbinato-globosa, solida, superne fulva, fascia nigra suturali ornata, subtus albidostaminea, fascia lata infraperipherica et area lata umbilicali nigris; spira convexo-conica, vertice obtuso; anfr. 6 convexiusculi, summi conferte striati, penultimus laevior, ultimus laevigatus, nitidus, ad suturam breviter striatus, medio obtuse subangulatus; apertura diagonalis, late lunaris, intus lactea; perist. simplex, rectum, acutum, margine columellari ad insertionem late fornicatim reflexo. — Diam. maj. 82, min. 68, alt. 50 mill. (Mus. Cuming.)

*Helix Mouhoti Reeve* in Ann. and Mag. n. h. 3d. ser. VI. (Sept. 1860) p. 203.

— *Cambojiensis Reeve* ibid. p. 455.

— — *Pfr.* Novit. conch. I. p. 173. Nr. 273. t. 47. f. 1. 2.

*Nanina Cambodjensis Mart.* Ostas. Zool. II. p. 76. \*).

Habitat Camboja (Mouhot).

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\*) « Testa sinistra, perforata, depresso conoidea, solida, nitidiuscula, oblique striatula, laete fulva; spira obtusa, sutura distincta; anfr.  $5\frac{1}{2}$ , ad suturam complanati, superiores lineis impressis spiralibus numero variis subtiliter reticulati, ultimus obsolete angulatus, inferne flavus, fasciis 2 — 3

149. (116.) **Clairvillia Fér.** — *Nanina Clairvillei* (Hemiplecta) A<sup>2</sup>.  
52. — Amboina (Beck). (IV. 24.) Conf. *Mart.* Ostas. Zool. II. p. 198.

150. (117.) **H. bella Pfr.**

T. perforata, globoso-turbinata, tenuiuscula, confertim striata, colore varia; spira convexo-conica, subtilissime mucronulata; sutura levis; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus non descendens, spiram aequans, basi inflatus; apertura parum obliqua, truncato-ovalis, longior quam lata; perist. rectum, margine dextro ab insertione statim descendente, columellari substricto, declivi, superne breviter triangulatim dilatato. — Diam. maj. 40, min. 34, alt. 28 mill. (Coll. Nr. 72.)

- α. Isabellina, superne maculis sparsis corneis ornata, fascia 1 castanea, in anfr. ultimo evanescente. Diam. maj. 40, min. 35, alt. 28 mill. (*Pfr.* Nov. conch. t. 74. f. 9.)  
β. Coerulescenti-carnea, maculis corneis sagittaeformibus dense conspersa, fascia castanea anfractum superiorum unica. Diam. maj. 38, min.  $32\frac{1}{2}$ , alt. 25 mill. (t. 74. f. 40.)  
γ. Saturate fusca, fascia suturali lata alba, secunda peripherica et area umbilicari pallida. (Olim typus: t. 74. f. 6. 7.)

*Helix bella* Pfr. Mon. Helic. IV. p. 24. Nr. 117; Novit. conch. p. 305. Nr. 417. t. 74. f. 6—10.

*Hemiplecta bella* et *rareguttata* Wallace in Proc. Zool. Soc. 1865. p. 407: Ceram, Solor, Flores.

*Nanina rareguttata* var. γ. *venusta* et δ. *crebriguttata* Mart. Ostas. Zool. II. p. 204. t. 9. f. 4—6. t. 6. f. 7.

Habitat in insulis Ceram, Flores, Solor.

Obs. 1. Conf. *Martens* in Malak. Bl. X. 1863. p. 171 (sine nomine).

Obs. 2. Var. β similis *H. rareguttatae* Mouss. Nr. 162 (quae confertur), spira multo altiore et columella minus declivi discrepans.

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151. (118.) **Stuartiac Sow.** — *Nanina Stuartiac* (Xesta) A<sup>2</sup>. 50. —  
*Mart.* Ostas. Zool. II. p. 208.\*) — Celebes. (I. 44.)

latis nigrocastaneis, priore paulum infra peripheriam, infima umbilico approximata; sutura sulculis obliquis notata, nigricans; apertura diagonalis, semiovata, intus alba, peristomate simplice, obtuso, margine columellari valde obliquo, patente, dilatato.

a. Diam. maj. 76, min. 62, alt. 60; apert. long. 43, alt. 39 mill.

b. — — 80, —  $66\frac{1}{2}$ , — 57; — — ?, — ? — » (v. M.)

\*) «Testa perforata, convexe trochiformis, oblique striata, solida, alba, fasciis angustis fuscis numerosis usque ad umbilicum picta; spira late conoidea; anfr. 6, convexiusculi, sutura plicatula, ultimus rotundatus, basi subplanulatus, antice paulum descendens; apertura diagonalis, lunato-rotundata; peristoma rectum, obtusum, margine columellari reflexiusculo. —

152. (119.) **castanea Müll.** — *Nanina castanea* (Xesta) A<sup>2</sup>. 51. — Sumatra (Beck). (I. 44.) Conf. *H. bataviana* V. d. B. Nr. 284.
153. (120.) **Juliana Gray.** (Coll. Nr. 73.) *H. rosacea* Sow., *Dufourii* Grat., *citrinoides* Grat., *commendabilis* Fér. — *Nanina* Jul. (Xesta) A<sup>2</sup>. 51. — Ceylon. (I. 44.)
154. (121.) **ganoma Pfr.** — *Nanina gamona* (Xesta) A<sup>2</sup>. 51. — Ceylon. (IV. 22.)
155. (122.) **vitellus Shuttl.** — *Nanina vitellus* (Xesta) A<sup>2</sup>. 51. — Amboina? Negante Mart. Ostas. Zool. II. p. 199. (III. 44.)
156. (123.) **Lenneplana Pfr.** — *Nanina Lenneplana* (Xesta) A<sup>2</sup>. 50. — Molucc.? (III. 44.)
157. (124.) **nemorensis Müll.** (Coll. Nr. 74.) *H. cretacea* Born, *Neuwardii* Haan. — *Nanina nemorensis* (Xesta) A<sup>2</sup>. 50. — Mart. Ostas. Zool. II. p. 209.\* — *Hemiplecta nemorensis* Wallace in Proc. Zool. Soc. 1865. p. 407: Lombock. — Excludatur var.: *H. sulphurea* Reeve. Addatur var. minor, elatior: *H. trochus* Reeve t. 88. f. 475. (I. 46.)
158. (125.) **gypsacea Pfr.** — *Nanina gypsacea* (Xesta) A<sup>2</sup>. 50. — *Nanina Stuartiae* juv.? Mart. Ostas. Zool. II. p. 209. — Habitat? (III. 45.)
159. (126.) **Bimaënsis Mouss.** † — *Nanina bimaënsis* (Xesta) A<sup>2</sup>. 51. — Mart. Ostas. Zool. II. p. 211. — Bima in insula Sumbawa. (III. 45.)
160. (127.) **ovi-vitellus Reeve.** — Amboina. (IV. 22.)
161. (128.) **halata Mouss.** — *Nanina halata* (Xesta) A<sup>2</sup>. 51. — Mart. Ostas. Zool. II. p. 212. — Dampo in insula Sumbawa. (III. 45.)
162. (129.) **rareguttata Mouss.** † — *Nanina rareguttata* (Xesta) A<sup>2</sup>. 51. — *Nanina rareguttata* α. *legitima* Mart. Ostas. Zool. II. p. 204. — Bimah. (III. 45.) Conf. *H. bella* Pfr. Nr. 150.
163. (129 a.) **sparsa Mouss.** (Coll. Nr. 75.) Pfr. Mon. Hel. IV. p. 343. — Ins. Balie prope Javam. — *Nanina rareguttata* β. *sparsa* Mart. Ostas. Zool. II. p. 204.
164. (130.) **coffea Pfr.** — *Hemiplecta coffeae* Wallace in Proc. Zool. Soc. 1865. p. 407: Lombock. (IV. 23.)
165. (131.) **trochus Müll.** (Coll. Nr. 76.) Pfr. Novit. conch. p. 304. Nr. 412. t. 73. f. 4. 5. Descriptioni addatur: apertura unicolor lactea vel fasciata. Diam. maj. 29, min. 24½, alt. 23½ mill. (Excludatur Reeve f. 475.) — *Nanina trochus* (Xesta) A<sup>2</sup>. 50. — Mart. Ostas. Zool. II. p. 210.\*\* — Var. β. Unicolor lutescenti-

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Diam. maj. 42—47, min. 35—41, alt. 32½—37; apert. long. 24—27, lat. 23½ mill. — An juv.? *H. gypsacea* Pfr.» (v. M.)

\*) «Testa subobtectae perforata, trochiformis, leviter striatula, solida; nitidula, alba, fasciis fuscis *latiusculis paucis* (plerumque 3) picta; spira conica; anfr. 5½—6 paulum convexiusculi, sutura mediocri conjuncti, ultimus rotundatus, basi subplanatus, antice paulum descendens; apertura valde obliqua, lunato-rotundata; peristoma rectum, obtusum; margine columellari reflexiusculo. — Diam. maj. 25—33½, min. 21—27½, alt. 21—30; apert. long. 14—20½, alt. 12—18 mill.» (v. M.)

\*\*) «Testa anguste perforata, globoso-trochiformis, striatula et lineis spiralibus subtilissimis sculpta, solida, opaca, lutea vel luteo-virescens, fuscofasciata; spira conica, apice obtusiusculo, pallido; anfr. 5½, sat convexi, ultimus peripheria prorsus rotundatus, antice non deflexus, basi mediocriter convexus; apertura diagonalis, lunato-rotundata; peristoma rec-

viridis. (Novit. l. c. f. 7.) —  $\gamma$ . Virenti-lutea, fascia 4 nigricante ornata (Novit. f. 6.): *H. sulphurea* Reeve Nr. 476. t. 88 (*H. nemo-rensis* var.? Pfr. Mon. III. p. 22), *circumpicta* Mouss. teste Cuming.) — *Nanina circumdata* (Xesta) A<sup>2</sup>. 50? — *Hemiplecta circumpicta* et *sulphurea* Wallace in Proc. Zool. Soc. 1865. p. 407: Macassar. — Jun.: *Helix colorata* Mouss. Moll. Jav. p. 113. t. 21. f. 4. (III. 46.)

166. (132.) **spectabilis** Pfr. (Coll. Nr. 77.) *Nanina spectabilis* (Orobia) A<sup>2</sup>. 58. — Philippin. (I. 47.)  
 167. (133.) **vesicula** Bens. (Coll. Nr. 78.) *Nanina vesicula* (Orobia) A<sup>2</sup>. 58. — Himalayah. (III. 47.)  
 168. (134.) **Lecythis** Bens. — *Nanina lecithus* (Orobia) A<sup>2</sup>. 58. — Ind. or. (III. 47.)  
 169. (135.) **convoluta** Desh. † — *Nanina convoluta* (Orobia) A<sup>2</sup>. 58. — *Macrochlamys* Mart. Ostas. Zool. II. p. 243. — Sumatra. (III. 48.)

170. **H. Arnotti Benson.** †

«H. testa obtecte perforata, subconoideo-depressa, irregulariter oblique striatula, sublaevigata, superne non nitente, lineis confertissimis vix impressis, sub lente decussata, infra polita, translucida, viridescenti-cornea; spira subconoidea, sutura impressa, anguste marginata, apice obtuso; anfractibus 4, gradatim accrescentibus, convexiusculis, ultimo versus peripheriam obtusam depressiusculo, subtus convexo; apertura obliqua, suborbiculato-lunata; peristomate tenui, recto, acuto; margine columellari oblique descendente, superne breviter calloso-reflexo, perforationem obtegente. — Diam. maj. 15½, min. 13, axis 9 mill.» (B.)

*Helix Arnotti* Bens. in Ann. and Mag. n. h. (Jun. 1864.) 3d. ser. XIII. p. 491.

Habitat prope Colesberg Capitis bonae spei (D. Arnott).

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171. (136.) **subjecta** Bens. — *Nanina subjecta* (Orobia) A<sup>2</sup>. 58. — *H. spreta* Bens. olim. — Ind. or. (III. 48.)  
 172. (137.) **nuda** Pfr. (Coll. Nr. 79.) *Nanina nuda* (Orobia) A<sup>2</sup>. 58. — Himalayah. (III. 48.)  
 173. (138.) **glauca** Bens. (Coll. Nr. 80.) *Nanina glauca* (Orobia) A<sup>2</sup>. 58. — Bengalia. (I. 48.)

174. **H. aurea Martens.** †

«Testa subobtecte perforata, orbiculata, distincte striatula, nitidissima, aureo-fulva, infra paulum pallidior; spira breviter et concave conoidea; sutura marginata, violacea; anfr. 5, supra

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tum, acutum, margine columellari subperpendiculari, versus insertionem latiuscule reflexo. — Diam. maj. 22—29, min. 18½—24½, alt. 19—24; apert. long. 12—15½, alt. 11½—15 mill.» (v. M.)

non convexi, ultimus rotundatus, basi convexa, antice non descendens; apertura fere verticalis, oblique lunata; peristoma rectum, acutum, margine basali antrorsum convexo, columellari ad insertionem breviter reflexo. — Diam. maj. 12, min.  $10\frac{1}{2}$ , alt.  $6\frac{1}{2}$ , apert. long.  $6\frac{1}{2}$ , lat.  $5\frac{1}{2}$  mill.» (v. M.)

*Nanina (Orobia) aurea* v. Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 266; Ostas. Zool. II. p. 243. t. 12. f. 12.

Habitat prope Kepahiang Sumatrae.

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175. (139.) **gemma Pfr.** — *Nanina gemma* (Microcystis) A<sup>2</sup>. 49. — Ins. Philippin. (III. 49.)

176. (140.) **nepos Pfr.** — *Nanina nepos* (Orobia) A<sup>2</sup>. 58. — Ceylon. (IV. 24.)

177. (141.) **Quitensis Pfr.** — Quito. (IV. 24.)

### 178. **H. miliacea Martens. †**

« Testa parva, subobtecte perforata, conico-globosa, subtilissime striatula, nitidula, alba?; spira elevata, convexa; sutura sat profunda; anfr. 6, convexiusculi, ultimus inflatus, rotundatus, ad aperturam haud descendens; apertura subperpendicularis, anguste lunata; peristoma simplex, rectum, margine columellari leviter incrassato et ad insertionem reflexo, basali et externo arcuatis. — Diam. maj. 6, min. 5, alt. 5; apert. long.  $3\frac{1}{2}$ , lat.  $2\frac{1}{2}$  mill.» (v. M.)

*Helix milium* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864. p. 524. (Nec Morse 1859.)

— *miliacea* (Fruticicola) Mart. Ostas. Zool. II. p. 268. t. 12. f. 15.

Habitat in insula Amboina.

Obs. «Species sectionis africanæ Pellæ, præsertim *H. Tollini* Alb. in mentem vocat.»

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179. (142.) **Anthoniana Ad.** (Coll. Nr. 81.) Microphysa A<sup>2</sup>. 83. — Jamaica. (III. 49.)

180. (143.) **Portoricensis Pfr.** — Ins. Portorico. (I. 49.)

181. (144.) **turbiniformis Pfr.** (Coll. Nr. 82.) Malak. Bl. VI. 1859. p. 90. — Microphysa A<sup>2</sup>. 83. — Cuba. (I. 49.)

182. (145.) **McNabiana Chitty. †** — Jamaica. (IV. 24.)

### 183. **H. Wilcoxi Cox. †**

«H. testa minute umbilicata, globoso-conica, tenuissima, nitida, hyalina, fulvo-cornea, sub lente obsolete radiato-striata; spira conica, acutiuscula; anfractibus 6, convexiusculis, ultimo rotundato, ceteros altitudine æquante; apertura paulo obliqua, lunari; peristomate recto, simplici, tenui; margine columellari



basi breviter expanso, reflexo, umbilicum semitegente. — Diam. maj. 0,48, min. 0,46, alt. 0,20 unc.» (C.)

*Helix Wilcoxi* Cox in Proc. Zool. Soc. Lond. 1864. p. 595.

Habitat Clarence River Australiae (Macgillivray).

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184. (146.) **indecorata** Gould. † — Liberia. (III. 50.)

185. (147.) **cerea** Gould. † — Promont. Palmarum Africae. (III. 50.)

186. (148.) **conospira** Pfr. — Acusta Mart. Ostas. Zool. II. p. 23.\*)  
t. 44. f. 7. 7b. cum var. minore, testa magis elata (*H. phyllo-*  
*phila* A. Adams mss.?) — *Nanina conospira* (Orobia) A<sup>2</sup>. 58. —  
Japonia. (III. 50.)

### 187. **H. Molecula** Benson. †

«Testa anguste perforata, conoideo-globosa, tenui, obsolete radiato-striata, nitida, fusco-vel castaneo-cornea; spira conoidea, lateribus convexiusculis, sutura impressa, submarginata, apice obtuso; anfractibus  $5\frac{1}{2}$  arcte convolutis, convexiusculis, ultimo ad peripheriam rotundato, subtus convexo; apertura vix obliqua, late lunari, peristomate recto, acuto, margine columellari anguste reflexo. — Diam. maj. vix 5, min. 4, axis 3 mill.» (B.)

*Helix Molecula* Bens. in Ann. and Mag. n. h. 3d. ser. III.  
(May 1859) p. 389.

Habitat ad Rangoon Birmaniae.

### 188. **H. perpaula** Benson. †

«Testa perforata, depresso-globosa, oblique striatula, sub epidermide cornea albida; spira conoideo-convexa, apice obtuso, sutura impressa; anfractibus  $4\frac{1}{2}$  sensim crescentibus, convexiusculis, ultimo rotundato, subtus convexo; apertura obliqua, rotundato-lunari; peristomate recto, acuto, margine columellari reflexo, suboblique descendente, basali arcuato. — Diam. maj. 2, min.  $1\frac{2}{3}$ , axis  $1\frac{1}{3}$  mill.» (B.)

*Helix perpaula* Bens. in Ann. and Mag. n. h. 3d. ser. III. (May 1859) p. 390.

Habitat ad Phie Thán Birmaniae (W. Theobald).

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\*) «Testa aperte et anguste umbilicata, globoso-conica, tenuiuscula, striata, oleoso-nitens, corneo-lutea; spira exserta, convexe conica, subgradata, sutura profunda; anfr. 6, convexi, ultimus rotundatus, paulum descendens; apertura diagonalis, rotundato-lunata, marginibus paulum conviventibus; peristoma tenue, albidum, leviter expansum, margine columellari ad insertionem subdilatato. — Diam. maj.  $7\frac{1}{2}$  —  $8\frac{1}{2}$ , min. 6 — 7, alt.  $6\frac{1}{2}$ ; apert. long. vix 4 —  $4\frac{1}{2}$ , lat.  $3\frac{1}{2}$  — 4 mill. — Nangasaki, Yeddo.» (v. M.)

189. (149.) **epistyliulum** Ad. (Coll. Nr. 83.) *Sagda epistyliolum* Ad.  
Gen. I. p. 112. — *A*<sup>2</sup>. 77. — Jamaica. (III. 50.)

190. **H. desiderata** Pfr.

T. perforata, turbinato-depressa, tenuis, striatula, albida (an viva cornea vel hyalina?); spira conoidea, apice acutiusculo; sutura profunda; anfr. 6 convexi, subaequales, ultimus humerosus, multo altior quam latus, non descendens, basi convexus; apertura parum obliqua, anguste lunaris; perist. simplex, rectum, marginibus remotis, columellari ad insertionem reflexiusculo. — Diam. maj.  $4\frac{1}{3}$ , min. 4, alt.  $2\frac{2}{3}$  mill. (Coll. Nr. 84.)

*Helix desiderata* Pfr. in Malak. Bl. V. 1858. p. 148. t. 3.  
f. 7—10.

Habitat in insula Haiti.

191. **H. Samoënsis** Mousson. †

«T. minuta, vix perforata, tenuiuscula, depresso-turbinata, laevigata, vix striatula, nitidiuscula, corneo-rufa. Spira subconoidea, regularis; summo pallido, obtusiusculo; sutura profunda. Anfr. 5, lente accrescentes, rotundati; ultimus paulo descendens, subrotundatus, leviter angustatus, subtus planiusculus, in centro pallidior. Apertura vix subobliqua, transverse semilunata. Perist. rectum, acutum; marginibus distantibus, columellari ad insertionem breviter reflexo. — Diam. maj. 3, min.  $2\frac{1}{2}$ , alt.  $1\frac{1}{2}$  mill.» (M.)

*Nanina Samoënsis* Mouss. in Journ. Conch. XIII. 1865. p. 165.  
Habitat in insula Upolu (Gräffe).

192. **H. firmostyla** Mousson. †

«T. minuta, obtecte perforata, depresso-convexa, laevigata, pernitida, obscure cornea; spira obtuse depresso-conica, regularis; summo obtuso, parvula; sutura submarginata, vix impressa. Anfr.  $5\frac{1}{2}$ , lente accrescentes, convexiusculi; ultimus non descendens, rotundatus, subtus convexiusculus. Apertura verticalis, lunato-circularis. Perist. rectum, acutum; marginibus distantibus; libero regulariter curvato; columellari ad insertionem expansiusculo, paulo incrassato. — Diam. maj. 3, min.  $2\frac{1}{2}$ , alt. 2 mill.» (M.)

*Nanina firmostyla* Mouss. in Journ. Conch. XIII. 1865. p. 166.  
t. 14. f. 7.

Habitat in insulis Samoa: Uvea (Gräffe).

193. (150.) **glabriuscula** Pfr. (Coll. Nr. 85.) *Nanina glabriuscula* (Thalassia) A<sup>2</sup>. 60. — Nova Seelandia. (III. 51.)  
 194. (151.) **Gundlachi** Pfr. (Coll. Nr. 86.) *H. pusilla* Pfr. olim, *egena* Gould. — *Hyalina Gundlachi* (Conulus) A<sup>2</sup>. 73. — Cuba, St. Thomas. (I. 50.)

195. **H. Rimicola Benson.** †

«Testa vix perforata, orbiculato-pyramidata, tenui, fragili, oblique striatula, diaphana, pallide cornea; spira conica, apice obtuso, sutura leviter impressa; anfractibus  $5\frac{1}{2}$  convexiusculis, ultimo convexo, compresse rotundato; apertura obliqua, subquadrato-lunari, peristomate tenui, recto, margine columellari verticaliter descendente, basali arcuato. — Diam. maj.  $4\frac{1}{2}$ , min. 4, axis 4 mill. (B.)

β. Peripheria primo subangulata, angulo versus aperturam evanescente, in juniore magis conspicuo.

*Helix Rimicola Bens.* in Ann. and Mag. N. H. 3d. ser. III. (1859. Apr.) p. 266. (Malak. Bl. 1859. p. 20.)

Habitat prope Landour Himalajae occidentalis, var. in valle Run-gun prope Darjiling.

196. **H. tertiana W. et H. Blanford.** †

«T. perforata, depresse turbinata, tenuis, pallide cornea, striatula; spira conoidea, apice obtusa, sutura impressa. Anfr. 6 angusti, convexi, ultimus haud descendens, subtus rotundatus. Apertura subverticalis, rotundato-lunaris; perist. simplex, marginibus distantibus, columellari reflexiusculo. — Diam. maj.  $2\frac{1}{2}$ , min.  $2\frac{1}{4}$ , alt.  $1\frac{3}{4}$  mill.» (Bl.)

*Helix tertiana W. et H. Blanf.* Contrib. to Ind. Malac. Nr. 2. 1861. p. 9. t. 1. f. 11.

Habitat raro ad Pykara, nec non ad Neddiwuttom in montibus Nilgiris.

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197. (152.) **abscondita Phil.** † — Chile. (IV. 25.)

§. 12.

... (153. *cidaris* Lam. vid. Nr. 206 in §. 13.)

198. **H. Celebensis Pfr.**

T. perforata, turbinata, solidula, superne conferte rugoso-striata, saturate cinnamomea; spira convexo-conoidea, vertice minuto; anfr. 7 convexiusculi, regulariter accrescentes, ultimus non descendens, basi convexior, sublaevigatus, pallidior; apertura diagonalis, oblique lunaris, intus margaritaceo-albida;

perist. simplex, obtusum, marginibus subparallelis, dextro antrorsum subdilatato, columellari substricto, juxta perforationem breviter reflexo. — Diam. maj.  $27\frac{1}{2}$ , min.  $24\frac{1}{2}$ , alt. 18 mill. (Coll. Crosse.)

*Helix Celebensis* Pfr. in Journ. Conch. X. 1862, p. 229.  
t. 10. f. 8.

— — *Souverbie* in Journ. Conch. XV. 1867, p. 111.  
(Char. emend.)

Habitat in loco Rhwo dicto insulae Celebes.

Obs. Differt ab affini *H. naninoide* Bens. spira elevata, ultimum anfractum superante, striis rugosis, anfr. ultimo magis inflato, etc. Conf. Mart. Ostas. Zool. II. p. 229.

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199. (154.) **ligera Say.** (Coll. Nr. 87.) Binn. Terr. Moll. IV. p. 95. — *H. Rafinesquea* Fér., *Wardiana* Lea. — *Hyalina ligera* (Mesomphix) A<sup>2</sup>. 71. — *Mesomphix ligera* Mörch in Journ. Conch. XIII. p. 380. — Amer. bor. (I. 48.)

#### 200. **H. chordata Pfr.**

T. subperforata, globoso-turbinata, tenuis, subconferte chordato-costata, haud nitens, albido et rufulo minute marmorata; spira convexo-conica, acutiuscula; anfr. 5 convexi, ultimus basi parum inflatus; apertura vix obliqua, lunaris; perist. simplex, rectum, marginibus remotis, columellari ad perforationem reflexiusculo. — Diam. maj.  $3\frac{3}{4}$ , min.  $3\frac{2}{3}$ , alt. fere 3 mill. (Coll. Nr. 88.)

*Helix chordata* Pfr. in Malak. Bl. VIII. 1861. p. 147.

Habitat in Nova Seelandia (Hochstetter).

Obs. Differt ab affini *H. iota* Pfr. spira turbinata et perforatione fere clausa.

#### 201. **H. Amurensis Gerstfeldt. †**

«T. subperforata vel rimata, ovato-turrita, tenuis, corneolutescens, sericina, membranaceo-costulata; spira elevata, obtusiuscula; anfr. 4— $4\frac{1}{2}$ , convexiusculi, celeriter accrescentes; sutura mediocris; apertura rotundato-lunaris; perist. simplex, acutum, margine columellari subreflexo. — Alt. 3,5, diam. 2—2,5 mill.» (G.)

*Helix Amurensis* Gerstf. in Mém. sav. prés. Ac. Petersb. IX. 1859. p. 517. f. 26.

Habitat ad fluvium Amur.

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202. (155.) **doliolum Pfr.** — Ins. Philippin. (I. 50.)

203. (156.) **aculeata Müll.** (Coll. Nr. 89.) Acanthinula A<sup>2</sup>. 100. — Drouët Exerc. mon. sur l' *H. aculeata* 1859. — Bielz Faun. Siebenb. p. 51. — *H. spinulosa* Lightf., *delectabilis* Sol., *Grana-*

*telli* Biv. — *Discus aculeatus* (Acanthinula) Mörch Moll. Dan. p. 16; Journ. Conch. XIII. p. 382. (I. 50.)

204. (157.) **lamellata** Jeffr. (Coll. Nr. 90.) Acanthinula A<sup>2</sup>. 101. — *H. scarburgensis* Turt., *seminulum* Rossm. — *Discus lamellatus* (Pyramidula) Mörch Moll. Dan. p. 16; Journ. Conch. XIII. p. 382. (I. 51.)

## §. 13.

205. (158.) **Foullioyi** Guill. † — Nova Guinea. (I. 44.)

206. (153.) **H. cidaris** Lamarck.

«Testa aperte perforata, orbiculato-conica, striis levibus aequalibus lineisque spiralibus subtilissimis numerosis sculpta et leviter malleata, nitida, isabellino-albida, fusco-unifasciata; spira convexe conica; anfr.  $5\frac{1}{2}$ —6, superiores distincte striati, acute carinati, sutura planata, ultimus rotundatus, teres, sutura magis profunda, subcrenulata, antice sensim ascendens; apertura diagonalis, rotundato-lunaris; peristoma simplex, rectum, obtusum, margine basali valde arcuato, columellari ad insertionem brevissime reflexiusculo.» (v. M. — Coll. Nr. 91.)

Diam. maj. 44, min.  $33\frac{1}{2}$ , alt.  $29\frac{1}{2}$ ; apert. long. 22, lat 19 mill.

— —  $39\frac{1}{2}$ , — 34, — 28; — — 24, — 19 —

— — 36, — 29, — 25; — — 20, — 18 —

— — 32, — 27, —  $20\frac{1}{2}$ ; — — 17, — 16 —

(juv. carinata.)

*Helix cidaris* Lam., Pfr. Mon. Hel. I. p. 45. Nr. 79.

— — *Chenu* Ill. conch. Livr. 72. t. 12. f. 11.

— — *Chemn.* ed. II. t. 122. f. 1—3 (ex *Deless.*) ex-  
clusa descriptione.

— *tumens* Desh., Pfr. Mon. III. p. 43. Nr. 110.

— — *Reeve* Conch. ic. sp. 477. t. 88.

— *bella* var. Pfr. Novit. conch. t. 74. f. 8?

*Nanina cydaris* (Ryssota) Alb. Helic. p. 61.

— *cidaris* (Xesta) Mart. in Alb. Helic. ed. II. p. 50; Ostas.  
Zool. II. p. 203. t. 9. f. 3.

— *tumens* Wallace in Proc. Zool. Soc. 1865. p. 406.

Habitat in insula Timor (Lamarck, Mart. in Malak. Bl. X. 1863.  
p. 171, Wallace).

Obs. Cl. v. *Martens Helicem Moussoni* Pfr. (Nr. 316) statum juvenilem hujus speciei esse declarat.

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(159. *tumens* Desh. vid. praeced.)

207. **H. virens** Martens. †

«Testa subglobosa, perforata, oblique striata, in anfractu ultimo lineis spiralibus non confertis impressis et rugulis sparsis

obliquis cicatricose-decussata, nitida, laete virens, fascia peripherica subangusta obscure castanea picta; spira convexa, rufescens; sutura appressa, crenulato-striatula; anfr. 5, sat convexi, ultimus inflatus rotundatus, non deflexus; apertura parum obliqua, lunato-circularis; peristoma rectum, acutum, margine columellari valde declivi, ad insertionem reflexiusculo. — Diam. maj. 43, min.  $33\frac{1}{2}$ , alt.  $29\frac{1}{2}$ ; apert. long.  $24\frac{1}{2}$ , alt. 24 mill.» (v. M.)

?*Helix tumens* Pfr. Mon. III. p. 43; Reeve f. 477 (etiam pro *H. cidaride* citata).

*Nanina virens* Mart. Ostas. Zool. II. p. 237.

Habitat in insula Sumatra.

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208. (418 a.) **Waandersiana Mouss.** (Coll. Nr. 92.) Pfr. Mon. Hel. IV. p. 345. — *Nanina Waandersiana* Mouss. — *Nanina Baliensis* var. Mart. Ostas. Zool. II. p. 207. — Ins. Balie.
209. (418 b.) **Baliensis Mouss.** — Pfr. Mon. Hel. IV. p. 345. — *Nanina Baliensis* Mouss. (Xesta) Mart. Ostas. Zool. II. p. 207. \*) t. 8. f. 4. — Ins. Balie.
210. (160.) **fulvida Pfr.** (Coll. Nr. 93.) *Nanina fulvida* (Hemiplecta) A<sup>2</sup>. 53. — Philippin. (I. 45.)
211. (161.) **conoidalis Ad. et Rv.** — *Nanina conoidalis* (Hemiplecta) A<sup>2</sup>. 53. — Mindoro. (III. 46.)
212. (162.) **inquinata V. d. Busch.** (Coll. Nr. 94.) *Nanina inquinata* (Hemiplecta) A<sup>2</sup>. 52. — Conf. Mart. Ostas. Zool. II. p. 207. — Java. (I. 46.)
213. (163.) **hepatizon Gould. †** (Otia conch. p. 497.) — *Nanina hepatizusa* Mart. in Malak. Bl. XIII. 1866. p. 403. — Liberia. (III. 46.)
214. (164.) **rubicunda Pfr.** — Habitat? (I. 47.)
215. (165.) **Steursi Shuttl.** (Coll. Nr. 95.) Pfr. Novit. conch. p. 302. Nr. 443. t. 73. f. 8—10. — *Nanina Steursii* (Hemiplecta) A<sup>2</sup>. 52. — *Helix cincta* Lea? Pfr. Mon. IV. p. 43. — *Nanina cincta* Gray, Wallace in Proc. Zool. Soc. 1865. p. 406. — Mart. Ostas.

\*) «Testa vix perforata, globoso-conica, solidula, oblique striata, punctis lineolisque spiralibus impressis sparsa, sat nitida, vel aurantia, vel purpureovirens, saepe fasciata; fascia peripherica; spira purpurea, convexe conica, obtusa; anfr. 6, convexiusculi, sutura simplice, denique undulata, opace alba; anfr. ultimus rotundatus, basi complanatus (absque ullo angulo), regione umbilicali fuscescente, antice non descendens; apertura paulum obliqua, lunato-semicircularis; peristoma simplex, rectum, obtusum, margine columellari paulum incrassato, roseo, ad insertionem ipsam reflexiusculo.

α. *Waandersiana* Mouss.: Globosa, aurantia, fasciis periphericis duabus et regione umbilicali castaneis; diam. maj. 35, min.  $31\frac{1}{2}$ , alt. 30; apert. long. 20, lat. 20 mill.

β. *Baliensis* Mouss.: Subunicolor, magis depressa, anfractu ultimo subunicolore, purpurascanti-viridi, parum strigoso; diam. maj. 32, min. 30, alt. 24 mill.» (v. M.)



- Zool. II. p. 242. \*) t. 8. f. 6 cum var.: *Nanina contristata* Mouss. (Mart. ibid. f. 6 b.) — Celebes. (III. 627.)
216. (166.) **Gardeneri Pfr.** (Coll. Nr. 96.) *Nanina Gardeneri* (Hemiplecta) A<sup>2</sup>. 52. — Ceylon. (I. 47.)
217. (167.) **Salomonis Guill.** † — Ins. Salomonis. (I. 47.)
218. (168.) **intertexta Binn.** (Coll. Nr. 97.) *Binn.* Terr. Moll. IV. p. 96. — *Hyalina intertexta* (Mesodon) A<sup>2</sup>. 74. — Amer. bor. (I. 49.)
219. (169.) **simulans Ad.** (Coll. Nr. 98.) *Hyalina simulans* (Conulus) A<sup>2</sup>. 73. — Jamaica. (III. 51.)

### 220. **H. palmaria Benson.** †

«H. testa perforata, subconica, spiraliter 7-lirata, striis filosis obliquis confertissimis decussata, sub epidermide cornea albida; spira subconica, apice obtusiusculo laevigato, sutura impressa; anfractibus  $6\frac{1}{2}$ , convexis, ultimo subtus convexiusculo, peritremate leviter carinato; apertura obliqua, late angulato-lunata, subsecuriformi; peristomate tenui, recto, margine columellari superne breviter expansiusculo. — Diam. maj.  $8\frac{1}{2}$ , min. 8, axis 6 mill.» (B.)

*Helix palmaria Bens.* in Ann. and Mag. n. h. (Febr. 1864.) 3d. ser. XIII. p. 137.

Habitat ad montem Nundydroog in regione Mysoriana.

### 221. **H. Cassidula Benson.** †

«Testa perforata, semigloboso-turbinata, striatula, striis minutissimis, confertissimis, spiralibus, sub lente apparentibus, decussata, nitidula, albido-lutescente, fascia 4 lata, rufo-fusca, supra peripheriam cincta; spira conoidea, sutura impressa, leviter marginata, apice obtusiusculo; anfractibus 5 convexis, lente accrescentibus, ultimo ad peripheriam rotundato, subtus convexiusculo; apertura parum obliqua, subquadrato-lunata, peristomate tenui, acuto, margine columellari brevi, verticali, expansiusculo, cum basali angulum rectum efformante. — Diam. maj. 6, min.  $5\frac{1}{3}$ , axis 4 mill.» (B.)

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\*) «Testa perforata, orbiculato-convexa, oblique striatula, lineis spiralibus subtilibus confertis subundulatis decussata, vix nitidiuscula, flavido-rubicunda fusco-fasciata, zona peripherica flava vel albida insignis, regione umbilicali fusca; spira brevis, convexe conoidea; anfr. 5 convexiusculi, ultimus rotundatus, mediocriter convexus, antice vix descendens; apertura diagonalis, oblique lunata; peristoma rectum, acutum, margine columellari valde obliquo, tenui, ad insertionem breviter reflexo. — Diam. maj. 24 —  $28\frac{1}{2}$ , min. 21 — 24, alt. 16 — 21 mill.» (v. M.) An *Nanina Menadensis* Mouss. ex *Martens* etiam huc referenda?

*Helix Cassidula Bens.* in Ann. and Mag. N. H. 3 d. ser. III.  
(Mart. 1859.) p. 186. (Malak. Bl. VI. 1859.  
p. 2.)

Habitat ad Moulmein.

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222. (170.) **plagioptycha Shuttl.** (Coll. Nr. 99.) *Hyalina plagioptycha* (Conulus) A<sup>2</sup>. 73. — Portorico. (IV. 27.)

223. **H. febrilis W. et H. Blanford. †**

«T. angustissime perforata, globoso-turbinata, spiraliter lirata. Spira subelevata, convexa, apice obtusa, suturis valde impressis. Anfr. 4½ convexi, ultimus non descendens, ad peripheriam subdepressus infra plane rotundatus, laevis. Apertura obliqua, oblonga. Peristoma rectum, acutum, ad basin expansiusculum, marginibus remotis, columellari breviter reflexo. — Alt. 4, 25, diam. maj. 4, 5, min. 4, 3, apert. alt. 0, 6 mill.» (Bl.)

*Helix febrilis W. et H. Blanf.* Contrib. to Ind. Malac. Nr. 2.  
1861. p. 11. t. 2. f. 4.

Habitat apud montes Kalryenmullies Indiae meridionalis  
(Foote).

#### §. 14.

224. (171.) **ovum Val.** (Coll. Nr. 100.) *H. Otaheitana Fér., meridionalis* Wood. — *Nanina ovum* (Rhysota) A<sup>2</sup>. 54. — Mart. Ostas. Zool. II. p. 88. — *Rhysota Otaheitana Mörch* in Journ. Conch. XIII. p. 379. — Ins. Philippin. (I. 66.)

225. (172.) **Rhea Pfr.** (Coll. Nr. 101.) Ins. Philippin. (IV. 27.)

226. **H. rugata Martens.**

«Testa anguste perforata, depresso-conoidea, angulata, rugis aperturae parallelis confertis supra minute granulosus sculpta, brunneo-rufa, periphèria pallida; anfr. 6, convexi, ultimus antice non deflexus; apertura diagonalis, lunato-rhombea; peristoma rectum, obtusum, margine basali valde arcuato, columellari breviter reflexo. — Diam. maj. 48, min. 37½, alt. 32; apert. long. 27, lat. 23 mill.» (v. M. — Coll. Nr. 102.)

*Helix cidaris Pfr.* Mon. III. p. 43 et in Chemn. ed. II. p. 269  
(descriptio). Non Lam.

— — *Reeve* Conch. ic. sp. 464. t. 86.

— *Clairvillia Reeve* Conch. ic. sp. 1454. t. 206. Non Fér.

*Nanina cidaris Gray* Cat. Pulm. p. 114.

— *rugata Mart.* in Monatsber. Berl. Ak. 18 Jul. 1864.  
p. 528; Ostas. Zool. II. p. 229. t. 10. f. 3.

*Hemiplecta cidaris* Wallace in Proc. Zool. Soc. 1865. p. 406.

Habitat prope Maros insulae Celebes.

Obs. «Forma et colore *H. Humphreysianae* Lea similis, sed sculptura discrepans.» (v. M.) *H. Humphreysiana* Pfr. in Chemn. ed. nov. t. 31. f. 3. 4, a Cl. Martens errore huc relata, est vera *H. Humphreysiana*! (Pfr.)

### 227. *H. Sumatrensis* Mousson. †

«Testa sinistrorsa, anguste perforata, depresso conoidea, obsolete angulata, rugas aperturæ parallelas confertas, in anfractibus superioribus simplices, in ultimo grossiores, lineis impressis spiralibus irregularibus sat numerosis et impressionibus mallearibus saepe interruptas exhibens, luteo-brunnea, fascia subperipherica obscure castanea; anfr. 6, convexi, ultimus antice non deflexus; apertura diagonalis, lunato-rhombea; peristoma rectum, subacutum, margine basali abrupte arcuato, columellari valde obliquo, ad insertionem reflexiusculo. — Diam. maj. 54, min. 39½, alt. 35; apert. long. 34, lat. 25½ mill.» (v. M.)

*Nanina Sumatrensis* Mouss. mss.; Mart. Ostas. Zool. II. p. 237.

Habitat in insula Sumatra.

### 228. *H. Rosamonda* Benson. †

«Testa perforata, turbinata, tenui, arcuatim rugose striata, superne lineis confertis granulatis, infra striis obsoletis spiralibus decussata, luteo-olivacea, spiram versus fuscescente; spira conica, lateribus convexiusculis, apice acuto, sutura submarginata, demum impressa; anfractibus 6½ convexiusculis, ultimo rotundato, ad peripheriam obsolete angulato, antice non descendente, subtus convexo; apertura obliqua, rotundato-lunari, peristomate recto, acuto, margine columellari reflexiusculo albido, superne supra perforationem patente, breviter reflexo. — Diam. maj. 37, min. 33, axis 24; apert. long. 49, lat. 20 mill.» (B.)

*Helix Rosamonda* Bens. in Ann. and Mag. n. h. 3d. ser. V. (May 1860.) p. 384.

Habitat ad Pittewelle, pagi Matelle orientalis insulae Ceylon.

### 229. *H. Peaseana* Pfr.

T. perforata, turbinata, solidula, irregulariter striata et striolis antrorsum descendentibus confertissimis sculpta, vix nitidula, fusculo-carnea, maculis et punctis corneis irregulariter notata et fascia unica supraperipherica obsoleta ornata; spira regulariter conoidea, apice obtusula; anfr. fere 6 vix convexiusculi, sensim accrescentes, ultimus subangulatus, non

descendens, subtus convexior; apertura fere diagonalis, subangulato-lunaris, intus submargaritacea; perist. simplex, rectum, marginibus vix conniventibus, columellari juxta perforationem breviter fornicato-reflexo. — Diam. maj. 37, min. 32, alt. 23 mill. (Mus. Cuming.)

*Helix Peaseana* Pfr. in Proc. Zool. Soc. 1864. p. 603.

*Hemiplecta Peaseana* Wallace in Proc. Zool. Soc. 1865. p. 406.

*Nanina rareguttata* var.? Mart. Ostas. Zool. II. p. 206.

Habitat Timor, Bourou (Wallace).

### 230. **H. Danaë Pfr.**

T. angustissime umbilicata, subturbinata, solida, superne confertim arcuato-plicatula, striis spiralibus obsolete decussatula, cinnamomea; spira convexiusculo-turbinata, vertice minuto; anfr.  $6\frac{1}{2}$ , convexiusculi, regulariter accrescentes, ultimus non descendens, medio subcarinatus, basi subtiliter striatus, pallidus; apertura obliqua, lunaris, intus submargaritacea; perist. simplex, rectum, margine columellari subarcuato-declivi, sensim ad insertionem subdilato. — Diam. maj. 32, min. 29, alt. 49 mill. (Mus. Cuming.)

*Helix Danaë* Pfr. in Proc. Zool. Soc. 1862. p. 268.

*Nanina Danae* (Hemiplecta) Mart. Ostas. Zool. II. p. 72.

Habitat «Lao Mountains» Cambojæ (Mouhot).

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231. (173.) **tabida** Pfr. — Mont. Nilgherries. (IV. 27.)

232. (174.) **Isabella** Jacq. † — An = *H. naninoides* Bens.?

### 233. **H. hebesceus W. Blanford. †**

«T. vix perforata, conoideo-depressa, lutescens vel fulva, tenuis, cornea, obtusa («dull»), superne striis impressis obliquis microscopicis confertissimis notata, subtus nitidior, radiato-striata. Spira humilis, apice acutiusculo, prominente, subacuminato, sutura profunda. Anfr.  $5\frac{1}{2}$ , rotundati, primi angusti, ultimus multo latior, peripheria obtuse subangulatus, subtus tumidus. Apertura ampla, fere verticalis, lunato-subovalis, latior quam alta; perist. tenue, rectum, marginibus subdistantibus, callo tenuissimo junctis, columellari superne fere verticali, breviter et late reflexo, perforationem fere obtegente. — Diam. maj. 45, min.  $42\frac{1}{2}$ , alt.  $8\frac{1}{2}$  mill.» (Bl.)

*Nanina* (*Macrochlamys*?) *hebesceus* W. T. Blanford. Contrib. to Ind. Malak. VI. 1866. p. 4.

Habitat «Annamullay hills» Indiae meridionalis (Beddome).

234. **H. lixa** Blanford. †

«T. obtecte perforata, subdepresso-turbinata, pertenuis, fulva, cornea, obtusa («*dull*»), superne oblique striata et striis microscopicis confertissimis impressis obliquis, subtus polita. Spira conica, apice acuta, sutura impressa. Anfr.  $5\frac{1}{2}$ , convexi, gradatim accrescentes, ultimus multo latior, peripheria obsolete subangulatus, subtus tumidus. Apertura fere verticalis, rotundato-lunaris, vix latior quam alta. Perist. tenue, rectum, marginibus subdistantibus, columellari fere verticali, superne brevissime reflexo, perforationem fere occultante. — Diam. maj.  $43\frac{1}{2}$ , min. 42, axis  $9\frac{1}{2}$  mill.» (Bl.)

*Nanina* (*Macrochlamys*?) *lixa* W. T. Blanf. Contrib. to Ind. Malac. VI. 1866. p. 5.

Habitat «Annamullay hills» Indiae meridionalis (Beddome).

Obs. «Nonne varietatibus intermediis cum praecedente juncta?»

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235. (175.) **subdecussata** Pfr. — Bombay. (IV. 28.)

236. (176.) **pansa** Bens. (Coll. Nr. 403. Anfr. 7; diam. maj.  $49\frac{1}{2}$ , min. 48, alt. 40 mill.) — Birmania. (IV. 28.)

237. **H. Thomensis** Dohrn.

«Testa anguste umbilicata, globoso-depressa, striatula, tenuis, pellucida, rubro-vel flavo-cornea; spira modice elevata; sutura marginata, plerumque albofilosa; anfr. 4—5 vix convexi, lente accrescentes, ultimus peripheria subangulatus, area basali subplanata; apertura perobliqua, lunaris; peristoma simplex, rectum, marginibus distantibus, columellari reflexo. — Diam. maj. 42, min. 41, alt.  $9\frac{1}{2}$ , apert. lat.  $6\frac{1}{2}$ , alt. 5 mill.» (D. — Coll. Nr. 404.)

*Nanina Thomensis* Dohrn in Malak. Bl. XIII. 1866. p. 114. t. 5. f. 8—10.

Habitat in insula S. Thomé Africae occidentalis.

238. **H. nebulosa** Blanford. †

«T. minute perforata, conoideo-depressa, tenuis, laete cornea, haud polita, minute striata, subadipose micans. Spira conoidea, apice subacuto, sutura impressa. Anfr. 6, superne convexi, ultimus latior, supra peripheriam subangulatus, infra rotundatus. Apertura subobliqua, lunata, latior quam alta; perist. simplex, tenue, margine columellari verticali, leviter reflexo. — Diam. maj.  $44\frac{1}{2}$ , min. 40, axis 6 mill. Apert. 6 mill. lata,  $4\frac{1}{2}$  alta.» (Bl. angl.)

*Nanina (Macrochlamys) nebulosa* W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 2.

Habitat Akoutong in Pegu.

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239. (177.) **cumulus** Pfr. — *Nanina cumulus* (Orobia) A<sup>2</sup>. 59. — Australia. (IV. 29.)

240. (178.) **Yorkensis** Pfr. — Australia. (IV. 29.)

241. (179.) **Ophelia** Pfr. (Coll. Nr. 105.) Habitat «Bay of Islands» Novae Seelandiae (Hochstetter). (IV. 29.)

#### 242. **H. chloroplax** Benson. †

«H. testa perforata, subconoideo-depressa, tenui, superne subplicato-striata, infra striatula, tenuissime decussatula, translucente, vix polita, viridescenti-cornea; spira subconoidea, depressa, apice obtuso, sutura impressa; anfractibus 5, lente accrescentibus, convexiusculis, ultimo ad peripheriam superne angulato, subtus convexa; apertura obliqua, angulato-lunari, peristomate tenui, recto, marginibus remotis, columellari superne vix reflexiusculo. — Diam. vix 8, axis 4 mill.» (B.)

*Helix chloroplax* Bens. in Ann. and Mag. n. h. (Jan. 1865.) 3d. ser. XV. p. 14.

Habitat in montibus Himalayanis prope Simla (Theobald).

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243. (180.) **fatua** Pfr. (Coll. Nr. 106.) Habitat Taupiri Novae Seelandiae (Hochstetter). (IV. 30.)

#### 244. **H. unisulcata** Mousson. †

«T. parva, obtecte perforata, tenuiuscula, depresso-rotundata, vix striatula, nitida, cornea. Spira obtuse depresso-conica, regularis, summo perobtusum, nucleo majore; sutura eleganter marginata. Anfr. 4½, regulares, primi convexi, simplices; sequentes supra sulco dorsali insigni impressi; ultimus non descendens, subobtusum carinatus, subtus non impressus, de carina ad basin depresso-rotundatus. Apertura subverticalis, lunato-trapezialis. Perist. rectum, acutum; margine supero brevi, infero angulatim juncto, columellari perforationem tegente, expansiusculo. — Diam. maj. 4½, min. 3¾, alt. 2¾ mill.» (M.)

*Nanina unisulcata* Mouss. in Journ. Conch. XIII. 1865. p. 191.

Habitat in insulis Viti (Gräffe).

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245. (181.) **fragilis** Hutt. † *Nanina fragilis* (Orobia) A<sup>2</sup>. 58. (I. 48. IV. 30.)



246. **H. aspirans W. et H. Blanford. †**

«Testa vix perforata, elevata, pyramidalis, vix striatula, tenuis, cornea. Spira turrita, apice obtusa, sutura parum profunda. Anfr. 7 convexiusculi, lente crescentes, ultimus non descendens, basi convexus, carina obtusa, prope aperturam evanescente, circumdatus. Apertura subverticalis, transverse lunato-semicircularis; peristoma tenue, rectum, marginibus distantibus, columellari breviter reflexiusculo. — Diam. 2, alt. 3 mill.» (Bl.)

*Helix aspirans* W. et H. Blanf. Contrib. to Ind. Malac. Nr. 2.  
1864. p. 9. t. 4. f. 12.

Habitat raro prope Pykara ad montes Nilgiris.

247. **H. injussa W. et H. Blanford. †**

«Testa vix perforata, trochiformis, pertenuis, pallido-cornea, superne peroblique, infra radiatim striata; spira conica, apice acutiuscula. Anfr.  $5\frac{1}{2}$  vix convexiusculi, ultimus non descendens, subtus tumidus, ad peripheriam angulatus, angulo antice evanescente. Apertura obliqua, transverse rotundato-lunaris; peristoma simplex, acutum, margine columellari subverticali, superne brevissime reflexo. — Diam. maj.  $3\frac{1}{4}$ , min. 3, alt.  $3\frac{1}{4}$  mill.» (Bl.)

*Helix injussa* W. et H. Blanf. Contrib. to Ind. Malac. Nr. 2.  
1864. p. 10. t. 4. f. 13.

Habitat raro in Coonoor Ghat, montium Nilgiri.

Obs. «Affinis *H. rimicolae* Bens., sed multo minor et spira elatior.»

## §. 45.

248. (182.) **Brookei Ad. et Rv.** (Coll. Nr. 407.) *H. gigas* Pfr. — *Nannina Brookei* (Rhysota) A<sup>2</sup>. 54. — Mart. Ostas. Zool. II. p. 238 \*).  
— *Ryssota Brookei* Wallace in Proc. Zool. Soc. 1865. p. 407. — Borneo. (III. 52.)

249. **H. Hugonis Pfr.**

T. sinistrorsa, clause perforata, turbinata, solida, undique conferte et subargute granulato-striata, superne fuscula; spira

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\*) «Testa sinistrorsa, perforata, depresso conoidea, angulata, solida, confertim grossiuscule striata et minutissime granuloso-coriacea, infra magis nitida, tota castanea, carina pallida, fascia subcarinali nigricante obsoleta; spira brevis, conica, anfr.  $4\frac{1}{2}$ , fere plani, paulo infra suturam tumiduli, supremi ad suturam impressionibus subquadratis, uniseriatis notati, ultimus infra sat convexus, antice haud descendens; apertura diagonalis, subrhombea; peristoma rectum, obtusum, crassiusculum, margine supero stricto, basali valde arcuato, columellari ad insertionem in lobulum umbilicalem reflexum effuso. — Diam. maj. 78, min. 63, alt.  $50\frac{1}{2}$ ; apert. long. 45, lat. 38 mill.» (v. M.)

conoidea, vertice obtusulo; anfr. 8 lente accrescentes, convexiusculi, supra suturam flavescentes, ultimus compresse carinatus, infra carinam inflatus, castaneus; apertura obliqua, irregulariter angulato-lunaris, intus margaritacea; perist. sub-simplex, margine supero brevi, basali perarcuato, versus perforationem subincrassato et leviter dilatato. — Diam. maj. 38, min. 35, alt. 21—22 mill. (Coll. Nr. 408.)

*Helix Hugonis* Pfr. in Proc. Zool. Soc. 1863. p. 523; Novit. conch. p. 304. Nr. 445. t. 74. f. 1—3.

— *sinistra* Bonnet in Rev. Zool. 1864. p. 67. t. 5. f. 2.

*Nanina Hugonis* Mart. Ostas. Zool. II. p. 225 \*).

Habitat in insula Labuan (Hugh Low).

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250. (183.) **saccata** Pfr. — India. (IV. 30.)

251. (184.) **Laidlayana** Bens. — *Nanina parietalis* Martens in Malak. Bl. XI. 1864. p. 467. \*\*) — Bengal. (IV. 31.)

252. (185.) **regalis** Bens. (Coll. Nr. 409.) *H. vittata* Ad. et Rv. — *Nanina regalis* (Ariophanta) A<sup>2</sup>. 55. — Mart. Ostas. Zool. II. p. 225. \*\*\*) — *Ryssota? regalis* Wallace in Proc. Zool. Soc. 1865. p. 407. (III. 52.)

253. (186.) **Lindstedti** Pfr. — Malacca. (IV. 31.)

\*) «Testa sinistra, angustissime perforata, conica, acute carinata, supra et infra confertim granuloso-striata, supra pallidius, infra intensius rufo-castanea, peripheria pallide flava; spira elata, conica; anfr. 7, *convexi*, sutura sat profunda, ultimus infra sat convexus, *carina prominente*, antice haud descendens; apertura parum obliqua, lunata; peristoma rectum, acutum, margine basali valde arcuato, antrorsum producto, columellari sat declivi, ad insertionem breviter reflexo. — Diam. maj. 37½, min. 33, alt. 25; apert. long. 24, lat. 15½ mill.» (v. M.)

\*\*) «Testa perforata, sinistrorsa, depressiuscula, ecarinata, striata, lineis spiralibus subtilibus confertis sculpta, parum nitida, albida, fasciis griseo-brunneis plerumque duabus picta, altera supera latiore, altera infera, nulla suturali, regione umbilicali castanea; spira conoideo-elevata; anfr. 4½, convexiusculi, ultimus initio obsoletissime subangulatus, dein rotundatus, subtus inflatus, ad aperturam distincte descendens; apertura modice obliqua, subangulato-rhombea; peristoma simplex, rectum, album, obtusum, marginibus convergentibus, columellari subverticaliter ascendente, reflexiusculo; paries aperturalis castaneo-fuscus. — Diam. maj. 30, min. 25, alt. 20; apert. long. 17½, lat. 15 mill.» (v. M.)

\*\*\*) «Testa sinistra, perforata, conico-depressa, acutissime carinata, conferte spiratim striata, superne striis argutis confertis inaequalibus (minutim granulosis) hic et illic grossioribus, rugaeformibus sculpta, opaca, infra leviter striatula, nitida, colore varians; spira breviter conica; anfr. 6, lente crescentes, planiusculi, sutura superficiali conjuncti, ultimus basi parum convexus, antice haud descendens; apertura diagonalis, securiformis; peristoma rectum, acutum, margine basali valde arcuato, columellari ad insertionem brevissime reflexo. — Diam. maj. 29—30, min. 25—27, alt. ?—15½; apert. long. 13—16, alt. 9½—12 mill.» (v. M.) — Varietates e colore enumerantur 5, pleraeque jam cognitae.

254. (187.) **Janus Chemn.** (Coll. Nr. 110.) *H. Mackensiana* Soul., *Balesteriana* Lea. — *Nanina Janus* (Ariophanta) A<sup>2</sup>. 55. — *Rysota?* *Janus* Wallace in Proc. Zool. Soc. 1865. p. 407. — *Nanina Albersi* Mart. in Monatsber. Berl. Ak. 1864. p. 265; \*) Ostas. Zool. II. p. 224. t. 11. f. 3. — Malacca. (I. 77.)

Obs. Cl. v. Martens (Ostas. Zool. II. p. 226. t. 11. f. 4) aliam speciem in Borneo lectam nomine *Naninae Jani Chemn.* sic descripsit: «Testa modo dextra, modo sinistra, perforata, depressa, acute carinata, supra striis obliquis laevibus subdistantibus arcuatis et lineis subtilissimis spiralibus confertissimis decussantibus sculpta, rufescens vel brunnea, opaca, infra confertius striatula, pallidior, nitida, carina saepius albida; spira depresso conica; anfr.  $6\frac{1}{2}$ , plani, sutura lineari, superficiali, ultimus infra multo convexior, antice haud descendens; apertura diagonalis, securiformis; peristoma simplex, acutum, tenue, margine basali valde arcuato, columellari ad insertionem breviter reflexo. — Diam. maj. 33, min. 29, alt. 17; apert. long.  $16\frac{1}{2}$ , lat. 11 mill.»

## §. 16.

255. (188.) **maxima Pfr.** — *Nanina maxima* (Rhysota) A<sup>2</sup>. 54. — Ins. Philippin. (III. 627.)  
 256. (189.) **Novae Hollandiae Gray †** — Nova Hollandia. (I. 78.)  
 257. (190.) **Armida Pfr.** — *Nanina Armida* (Orobia) A<sup>2</sup>. 58. — Luzon. (III. 628.)  
 258. (191.) **concavospira Pfr.** — *Geotrochus* A<sup>2</sup>. 168. — Ceylon. (IV. 32.)

259. **H. confinis W. Blanford. †**

«Testa minute perforata, trochiformis, pertenuis, albidocornea, laevigata, nitida. Spira conica, apice obtusulo, sutura vix impressa. Anfr. 7, planulato-convexi, superne costis 4—5 spiralibus et striis subtilibus obliquis incrementi notati, ultimus acute carinatus, subtus convexiusculus et minutissime radiato-striatus. Apertura obliqua, subrhomboidea, duplo latior quam alta; perist. tenue, acutum, rectum, marginibus distantibus, columellari subverticali, breviter et triangulatim reflexo. — Diam. maj.  $10\frac{1}{2}$ , min.  $9\frac{1}{2}$ , axis 7 mill. Apert. 5 mill. lata,  $2\frac{1}{2}$  alta.» (Bl.)

*Nanina (Trochomorpha) confinis* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 7.

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\*) «Testa sinistra, anguste perforata, depresso conica, subangulata, supra et infra striis obliquis subundulatis confertis et lineolis spiralibus subtilissimis sculpta, luteo-brunnea, infra paulo obscurius castanea; spira sat elata, conoidea; anfr. 6 convexi, ultimus infra sat convexus, antice non descendens; apertura parum obliqua, dilatato-lunata; peristoma rectum, acutum. — Diam. maj. 27, min. 23, alt. 18; apert. long. 15, alt. 13 mill.» (v. M.)

Habitat prope Thayet Mio in confinibus Birmaniae britannicae,  
nec non prope Ava.

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260. (192.) **Jenynsi Pfr.** — *Nanina Jenynsi* (Thalassia) A<sup>2</sup>. 59. — *Nanina pusilla* Mouss. Coll. — *Helix Jenynsi* Mart. Ostras. Zool. II. p. 254. \*) — Novae Hebridae, Java (Zollinger), ins. Querimba in ora orientali Africae (Peters). (I. 84.)
261. (193.) **scalprum Val. †** — Habitat? (III. 57.)
262. (194.) **Mozambicensis Pfr.** — *Nanina mossambicensis* (Trochomorpha) A<sup>2</sup>. 60. — *Trochomorpha? Mossambicensis* Mart. in Malak. Bl. XIII. 1866. p. 92. (IV. 32.)

263. **H. aglypta Dohrn.**

«Testa subobtectae perforata, conica, compressae carinata, carina exserta, striatula, parum nitens, diaphana, rubello-cornea; spira conica, apice mucronato; anfr. 7 subplani, lente accrescentes, ultimus basi convexior, nitens, radiato-striatulus; apertura vix obliqua, rhombea; perist. rectum, simplex, marginibus distantibus, columellari circa perforationem breviter reflexo, incrassato. — Diam. maj. 10, min. 9, alt. 10, apert. lat. 5, alt. 4 mill.» (D.)

*Nanina aglypta Dohrn* in Malak. Bl. XIII. 1866. p. 119. t. 5. f. 5—7.

Habitat in insula Principis sinus Guineensis.

264. **H. ceroconus Pfr.**

T. subperforata, conica, tenuiuscula, striatula, cerea; spira convexiusculo-conica, vertice obtusulo; sutura filomarginata; anfr. 6—6½ convexiusculi, lente accrescentes, ultimus convexior, non descendens, periphæria subacute carinatus; apertura vix obliqua, angulato-lunaris; perist. simplex, rectum, marginibus distantibus, supero brevi, basali leviter arcuato, versus insertionem sensim dilatato, reflexiusculo. — Diam. maj. 8½, min. 8, alt. 5½ mill. (Coll. Nr. 111.)

*Helix ceroconus Pfr.* in Proc. Zool. Soc. 1863. p. 523.

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\*) «Testa sublenticularis, anguste perforata, carinata, leviter striatula, nitidula, albida, supra carinam fusco-unifasciata; spira breviter conica; anfr. vix 5, convexiusculi, ultimus acute carinatus, infra paulo magis convexus; apertura parum obliqua, securiformis; peristoma rectum, acutum, marginibus arcuatis, columellari ad insertionem canaliculatim reflexiusculo. — Diam. maj. 11, min. 9½, alt. 6½; apert. long. 5⅓, lat. 5 mill.» (v. M.)

*Helix ceroconus* Mart. Ostas. Zool. II. p. 257. \*)

Habitat in insula Labuan (H. Low.)

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265. (195.) **securiformis** Desh. † — Habitat? (III. 57.)

266. (196.) **Zelandiae** Gray. (Coll. Nr. 112.) Nova Seelandia. (I. 81.)

267. **H. leucophloea** Martens. †

«Testa perforata, trochiformis, angulata, leviter striatula, haud nitens, alba; spira conica, apice obtusa; anfr. 4?, convexiusculi, ultimus? basi leviter convexus; apertura rhombea?, peristomate simplici? — Diam. maj.  $6\frac{1}{2}$ , min.  $5\frac{1}{2}$ , alt. 6; apert. long.  $3\frac{1}{2}$ ; lat.  $3\frac{1}{4}$  mill.» (v. M.)

*Helix leucophloea* (Fruticicola) Mart. Ostas. Zool. II. p. 269. t. 12. f. 14.

Habitat in parte boreali insulae Celebes.

Obs. «Specimen unicum vivum lectum, verosimiliter non adultum.»

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268. (197.) **pacifica** Pfr. (Coll. Nr. 113.) *Nanina pacifica* (Trochomorpha) A<sup>2</sup>. 61. (I. 52.)

269. **H. bilirata** W. et **H. Blanford.** †

«T. perforata, globosa, turbinata, solidiuscula, cornea, transverse striata; spira conoidea, apice obtusula. Anfr. 7 angusti, sensim accrescentes; superiores carina una supramediana muniti, ultimus ad peripheriam acute bicarinatus, subtus tumidus. Apertura subverticalis, angulato-lunaris; perist. rectum, marginibus distantibus, columellari brevi, verticali, reflexo. — Diam. maj. 6, min. 5, axis  $4\frac{1}{2}$  mill.» (Bl.)

*Helix bilirata* W. et *H. Blanf.* Contrib. to Ind. Malac. Nr. 2. 1861. p. 6. t. 1. f. 7.

Habitat in montibus «Shevroys et Kolamullies» (King).

Obs. Affinis *H. mononemae*. Differt basi rotundata et spira minus elevata.

270. **H. obconica** Pease. †

«H. t. depresso-conoidali, orbiculari, tenui, subpellucida, nitidula, cornea, anguste umbilicata, sub lente tenuissime et

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\*) «Testa parva, subobtecte perforata, conica, obtuse carinata, supra striatula, modice nitida, virenti-cornea, infra magis nitida, striatula et lineis subtilissimis spiralibus sculpta, flavocornea; spira conica, apice obtusa; anfr. 6, convexiusculi, ultimus haud descendens; apertura subverticalis, lunata; peristoma rectum, acutum, margine basali antrorsum convexo, columellari ad insertionem breviter reflexo. — Diam. maj. 8, min. 7, alt. 5; apert. long. 4, lat.  $2\frac{1}{2}$  mill.» (v. M.)

dense oblique striata; subtus regulariter convexa; anfr. 6, planiusculis, leviter marginatis, ultimo ad peripheriam acute carinato; apertura depresso semilunari, superne angulata; labro acuto, juxta umbilicum vix reflexo. — Diam. 7, alt.  $4\frac{1}{2}$  mill.» (P.)

*Helix obconica* Harper Pease in Proc. Zool. Soc. 1864. p. 669. Habitat in insulis Oceani pacifici centralis.

### 271. *H. conella* Pfr.

T. subperforata, conoidea, carinata, tenuiuscula, subarcuato-striatula, corneo et rufulo minute tessellata; spira convexo-conoidea, apice acutiuscula; sutura marginata; anfr. fere 5 vix convexiusculi, ultimus peripheria acute carinatus, basi parum convexus; apertura obliqua, subangulato-lunaris; perist. simplex, rectum, marginibus remotis, columellari anguste fornicato-reflexo. — Diam. maj.  $4\frac{2}{3}$ , min.  $4\frac{1}{3}$ , alt.  $2\frac{3}{4}$  mill. (Coll. Nr. 114.)

*Helix conella* Pfr. in Malak. Bl. VIII. 1861. p. 147.

Habitat Kakepuku Novae Seelandiae (Hochstetter).

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272. (198.) **livida** Guild. (Coll. Nr. 115? ex ins. Trinidad: Gill.) *Stenopus lividus* A<sup>2</sup>. 65. — Ins. St. Vincentii. (I. 52.)

273. (199.) **Adansoniae** Mor. † — Guinea. (III. 59.)

274. (200.) **Cassiquiensis** Newc. — Demerara (non Cuba). (III. 59.)

275. (201.) **Barrakporensis** Pfr. (Coll. Nr. 116.) *Nanina barrakporensis* (Trochomorpha) A<sup>2</sup>. 60. — Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr. 1859.) p. 272. — *H. Sivalensis* Hutt. mss. — Hab. Kalryenmullies Indiae meridionalis: *Blanf. Contr. to Ind. Malac.* Nr. 2. p. 12. t. 2. f. 5. (III. 59.)

### 276. *H. phyllophila* Benson. †

«H. testa vix perforata, trochiformi, tenui, superne sericea, oblique striatula, subtus subnitente, utrinque (sub lente) striis confertissimis undulatis minutissime ornata, translucente, pallide cornea; spira conica, apice acutiusculo, sutura impressiuscula; anfractibus  $6\frac{1}{2}$ , convexiusculis, ultimo carinato; apertura obliqua, subquadrato-lunari, peristomate simplici, recto, acuto, margine columellari verticali, reflexo, superne latiore, umbilicum subtegente. — Diam. maj. 5, min.  $4\frac{1}{2}$ , axis 5 mill.» (B.)

*Helix phyllophila* Bens. in Ann. and Mag. n. h. (May 1863.) 3d. ser. XI. p. 320.

Habitat ad Badulla insulae Ceylon (Layard).

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277. (202.) **regularis** Pfr. — Nova Seelandia. (IV. 33.)

278. (203.) **Erigone** Gray. — *Nanina Erigone* (Thalassia) A<sup>2</sup>. 60. — Nova Seelandia. (III. 60.)



279. (204.) **Heldiana Pfr.** (Coll. Nr. 117.) *Nanina Heldiana* (Thalassia) *A*<sup>2</sup>. 60. — Nova Seelandia. (III. 60.)
280. (204a.) **micula Mouss.** † — *Pfr.* Mon. Hel. IV. p. 343. — *Zonites micula Mouss.*, *Mart.* Ostas. II. p. 258. (Diam. maj.  $2\frac{1}{4}$ , min. 2, alt.  $1\frac{1}{2}$  mill.) — Ins. Balie; Buitenzorg Javae.

## §. 17.

281. (205.) **Bataviana V. d. Busch.** (Coll. Nr. 118.) *Nanina bataviana* (Hemiplecta) *A*<sup>2</sup>. 53. — *Mart.* Ostas. Zool. II. p. 217.\*) — Java. (I. 77.) — (An huc: *Helix castanea* Müll.? *Helix commendabilis* Fér.? *Mart.*)

282. **H. Crossei Pfr.**

T. pervie perforata, turbinata, solidula, confertim arcuato-costulata (lineis spiralibus obsoletis decussatula), parum nitens, carneo-fulvida; spira conoidea, obtusula; anfr.  $6\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus carinatus, non descendens, subtus parum convexus, medio laevigatus, albidus; apertura parum obliqua, subangulato-lunaris, intus margaritacea; perist. rectum, marginibus subparallelis, columellari calloso-incrassato, juxta perforationem vix dilatato. — Diam. maj.  $28\frac{1}{2}$ , min. 25, alt. 17 mill. (Coll. Bernardi.)

β. «Castaneo-fulvida, striis tenuioribus longitudinaliter arcuato-costulata; ultimus anfractus (in adultis speciminibus) descendens; peristomium incrassatum, margine columellari perforationem partim obtegente. — Diam. maj. 31, min.  $28\frac{1}{2}$ , alt. 22 mill.» (Cr.)

γ. «Luteo-albida, paulo minus turbinata, caeterum praecedenti simillima.» (Cr.)

*Helix Crossei* Pfr. in Journ. Conch. X. 1862. p. 39. t. 5. f. 2. 3.

— — Crosse in Journ. Conch. XI. 1863. p. 348 (varr.); XII. 1864. t. 12. f. 6.

Habitat in Siam, varietates in Cochinchina.

\*) «Testa aperte perforata, depresse conoidea, tenuis, obtuse angulata, utrinque lineis subtilissimis confertissimis spiralibus sculpta, superne oblique confertim costulata, cinnamomea; inferne sublaevigata, laete castanea, nitida, versus umbilicum pallide flava, regione umbilicali ipsa obscure castanea; anfr. 6— $6\frac{1}{2}$ , paulum convexiusculi, spiram sat convexam efficientes, sutura mediocri, ultimus antice haud descendens; apertura parum obliqua, semielliptica; peristoma simplex, obtusiusculum, margine basali distincte antrorsum flexuoso, basali ad insertionem brevissime reflexo.

A. Inflata, elatior, angulo peripherico fere nullo. (*Reeve* f. 463.) Diam. maj.  $34\frac{1}{2}$ —41, min. 27—?, alt. 21—30; apert. long. 21—?, alt. 16—? mill.

B. *Genuina*: subdepressa, angulo magis distincto; diam. maj. 41—43, min. 33—34, alt. 25—26; apert. long. 25, alt. 20 mill.» (v. M.)

283. **H. Weinkauffiana Crosse.**

«T. anguste perforata, depresso-turbinata, solidula, costulis longitudinalibus arcuatis, tenuibus confertim impressa et lineis spiralibus obsolete decussatula, parum nitens, fulvida; spira subdepressa, obtusula; anfractus 6 vix convexiusculi, regulariter accrescentes, embryonales 2 laeves, ultimus acute carinatus, vix descendens, subtus parum convexus, medio laevigatus, nitidus, albidus; apertura obliqua fere horizontalis, oblique lunaris, intus margaritacea; peristomium aequaliter incrassatum, margine columellari perforationem paululum obtegente, externo reflexiusculo. — Diam. maj.  $29\frac{1}{2}$ , min. 26, alt.  $13\frac{1}{2}$  mill.» (Cr. — Coll. Nr. 119.)

*Helix Weinkauffiana Crosse* in Journ. Conch. XI. 1863. p. 350;  
XII. 1864. t. 12. f. 7.

Habitat in Cochinchina (Michau).

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284. (206.) **oblita Pfr.** — *Nanina oblita* (Orobia) A<sup>2</sup>. 58. — India. (III. 54.)

285. (207.) **novella Pfr.** — Ceylon. (IV. 34.)

286. (207 a.) **Massoni Behn.** — *Pfr. Mon.* IV. p. 344. — Ins. Nicobar.

287. (208.) **Layardi Pfr.** — *Nanina Layardi* (Orobia) A<sup>2</sup>. 59. — Ceylon. (III. 55.)

288. (209.) **subrugata Pfr.** (Coll. Nr. 120.) *Nanina subrugata* (Thalassia) A<sup>2</sup>. 59. — New-South-Wales. (III. 56.)

289. (210.) **acalles Pfr.** — Mont. Nilgherries. (IV. 34.)

290. (211.) **Ibuensis Pfr.** — Ibu Africae. (I. 51.)

291. (212.) **convexiuscula Pfr.** — Ceylon. (IV. 35.)

292. **H. mamillaris Blanford. †**

«T. minute perforata, perdepresse trochiformis, suborbicularis, tenuis, cornea, superne confertim, subtiliter et arcuatim costulata (costulis peripheriam transgredientibus), subtus laevigata, nitida, radiatim striata; spira depresse conoidea, lateribus convexis, apice subacuminato et papillari; sutura parum impressa; anfr.  $7\frac{1}{2}$  convexi, arcte voluti, lente accrescentes, ultimus acute carinatus, subtus plano-convexus, notatus (in speciminibus fere adultis et interdum in adultis) maculis 2—3 formae variabilis, opacis (callis internis respondentibus), plerumque in linea obliqua aperturae opposita positis; apertura obliqua, subrhomboideo-lunata, triplo latior quam alta; columella munita (in junioribus) lamina spirali magis minusve rudimentaria, in adultis obsoleta; perist. tenue, basi leviter antrorsum curvatum, marginibus distantibus, columellari perobliquo. — Diam. maj. 11, min. 10, axis  $6\frac{1}{2}$  mill.» (Bl. angl.)

*Nanina* (Sesara) *mamillaris* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 5.

Habitat Akoutong in Pegu.

293. **H. Basseinensis** Blanford. †

«T. minute perforata, globoso-trochiformis, subcampanulata, tenuis, cornea, superne confertim, acute et arcuatim costulata (costulis peripheriam transgredientibus), subtus laevigata, nitida, radiato-striata; spira obtuse conoidea, lateribus convexis, apice obtuso; sutura leviter impressa; anfr. 7 convexiusculi, arcte voluti, lente accrescentes, ultimus non descendens, subtus plano-convexus, tumidior prope aperturam, peripheria carinatus (carina antea evanescente); apertura lunata, obliqua, plus quam duplo latior quam alta; perist. tenue, basi antrorsum curvatum, marginibus distantibus, columellari obliquo. — Diam. maj. 11, min. 10, axis  $7\frac{1}{2}$  mill.» (Bl. angl.)

*Nanina* (Sesara) *Basseinensis* W. Blanford. Contrib. to Ind. Malac. V. 1865. p. 6.

Habitat prope Bassein, Arakan.

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294. (213.) **Mauritiana** Pfr. (Coll. Nr. 121.) Erepta A<sup>2</sup>. 150. — Ins. Mauritii. (III. 56.)

295. (214.) **Rawsonis** Bens. — *Nanina Rawsonis* (Hemiplecta) A<sup>2</sup>. 53. — Ins. Mauritii. (III. 56.)

296. (215.) **Folini** Mor. (Coll. Nr. 122.) Morelet Sér. conch. I. p. 13. t. 1. f. 3. — *Nanina Folini* Dohrn in Malak. Bl. XIII. 1866. p. 120. (Sutura canaliculata, costula spirali ab anfractu separata, costae transversae anfractuum setis brevibus munitae.) — Ins. Principis. (III. 57.)

297. (215β.) **talcosa** Gould. † — Otia conch. p. 207. — Pfr. Mon. Hel. III. p. 57 adnot. — Promont. Palmarum.

298. (216.) **exserta** Pfr. — Ins. Sandwich. (IV. 35.)

299. (217.) **Barclayi** Bens. — Erepta A<sup>2</sup>. 150. — Ins. Mauritii. (III. 58.)

300. (218.) **turbinella** Mor. † — Guatemala. (III. 58.)

301. (219.) **poecilosticta** Pfr. (Coll. Nr. 123.) *Nanina poecilosticta* (Thalassia) A<sup>2</sup>. 60. — Nova Seelandia. (III. 59.)

302. **H. conulus** Blanford. †

«T. subperforata, turrita, alba, cornea, tenuis, translucens, costulis obliquis sinuosis subfiliformibus et infra medium (sub lente fortiore) lineis spiralibus subtilissimis sculpta; spira conica, apice acutiusculo; sutura profunda; anfr. 6 perconvexi, medio carinati (carina subtilissima, elevata, filiformi, opaca, alba), ultimus bicarinatus (secunda linea elevata infra peripheriam posita), subtus plano-convexus, striis radiantibus et lineis concentricis impressis notatus; apertura obliqua, tumide et subangulatim lunata, fere aequae lata et alta; perist. tenue, marginibus distantibus, columellari fere verticali, ad anfr. contiguum brevissime reflexo. — Diam.  $1\frac{3}{4}$ , alt. 2 mill.» (Bl. angl.)

*Nanina (Kaliella?) conulus* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 9. Non Mart.

Habitat Arakan.

§. 18.

303. (220.) **glutinosa Metc.** — *Nanina glutinosa* (Xesta) A<sup>2</sup>. 54. — Mart. Ostas. Zool. II. p. 214.\* — *Macrochlamys glutinosa* Wallace in Proc. Zool. Soc. 1865. p. 405. — Borneo.  
 304. (221.) **capitanea Pfr.** — Ins. Salomonis. — *Nanina cidaris* jun.? Mart. Ostas. Zool. II. p. 204. (IV. 36.)

305. **H. albizonata Dohrn.**

T. subperforata, turbinato-depressa, solida, striis radiantibus et spiralibus distantioribus granulato-decussata, castanea; spira conoidea, acutiuscula; sutura pallida; anfr. 6 convexiusculi, lente accrescentes, ultimus convexior, non descendens, medio carina albizonata munitus, subtus modice convexus, radiato-striatus, sericinus; apertura obliqua, lunaris, intus albidocallosa; perist. rectum, margine basali subincrassato, superne supra perforationem subdilato. — Diam. maj. 25, min. 22, alt. 44 mill. (Mus. Cuming.)

*Helix albizonata Dohrn* in Proc. Zool. Soc. 1858. p. 133. (Malak. Bl. 1859. p. 2.)

Habitat in insula Ceylon.

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306. (222.) **concentrica Guill. †** — *Nanina concentrica* (Trochomorpha) A<sup>2</sup>. 64. — Ins. Vavao. (I. 54.)  
 307. (223.) **cacuminifera Bens.** — *Nanina cacuminifera* (Trochomorpha) A<sup>2</sup>. 60. — Mont. Nilgherries. (IV. 36.)  
 308. (224.) **infula Bens.** (Coll. Nr. 124.) *H. turbiniformis* Bens. olim. — *Nanina infula* (Trochomorpha) A<sup>2</sup>. 64. — Bengalía. (III. 58.)

309. **H. Arx Benson. †**

«Testa anguste perforata, acute conica, tenui, striis minutissimis confertissimis obliquis, lirisque 3—4 spiralibus, validis, superne sculpta, subtus laeviori, translucente, olivaceo-cornea; spira gracili, conica, lateribus concavis, sutura marginata, apice acutiusculo, hyalino; anfractibus 7½, superioribus convexius-

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\*) «Testa perforata, conoideo-lenticularis, *carinata*, tenuis, *lubricenitida*, oblique striatula, fulva, *carina castanea*; spira breviter conoidea; anfr. 5—6, plani, ultimus supra et infra subaequaliter convexus, carina grossa cinguliformi, antice haud descendens; apertura vix obliqua, subrhombea; peristoma acutum, rectum, margine basali valde arcuato, columellari ad insertionem brevissime reflexiusculo. — Diam. maj. 24—27, min. 18—23, alt. 13—15; apert. long. 12—14, lat. 11—12 mill.» (v. M.)

culis, tum planiusculis, ultimo acute carinato, subtus convexiusculo; apertura obliqua, trapeziformi, peristomate recto, acuto, margine columellari breviter reflexo, superne perforationem subtegente. — Diam. maj. 40, min. 9, axis  $7\frac{1}{2}$  mill.» (B.)

*Helix Arx Bens.* in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 484. (Malak. Bl. 1859. p. 3.)

*Nanina Arne* (Trochomorpha) *Alb. Helic.* ed. *Mart.* p. 64.

Habitat ad collem Therabuin, vallis Tenasserim (Theobald).

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310. (225.) **Mononema Bens.** — *Nanina mononema* (Trochomorpha) A<sup>2</sup>. 64. — Ceylon. (IV. 37.)

311. (226.) **triflosa Pfr.** — Ceylon. (IV. 37.)

### 312. **H. tricarinata W.** et **H. Blanford.** †

«T. aperte perforata, depresso-turbinata, tenuis, pallide cornea, oblique striatula, subtus obsolete decussata. Spira conoidea, apice planulata, perobtusa, sutura impressa. Anfr. 4 convexi, superne carinis 2 filiformibus cincti; ultimus tribus medianis, non descendens, subtus rotundatus. Apertura subverticalis, rotundato-lunaris; perist. rectum, acutum, marginibus distantibus, sinistro non reflexo. — Diam.  $4\frac{2}{3}$ , alt. 4 mill.» (Bl.)

*Helix tricarinata W.* et *H. Blanf.* Contrib. to Ind. Malac. Nr. 2. 1861. p. 9. t. 1. f. 10.

Habitat prope Pykara, ad summos montes Nilgiris.

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313. (227.) **Calabarica Pfr.** — Guinea. (IV. 37.)

### 314. **H. Attegia Benson.** †

«Testa anguste perforata, conica, tenui, striatula, liris tenuibus vix elevatis, remotiusculis, spiralibus, striisque minutissimis interpositis decussata, pellucida, cornea; spira subanguste conica, sutura leviter impressa, apice acuto, pallido; anfractibus 7 convexiusculis, ultimo filoso-carinato, subtus convexiusculo; apertura vix obliqua, rhombeo-lunari, peristomate acuto, recto, margine columellari verticali, superne valde dilatato-reflexo, perforationem subtegente. — Diam. maj. 8, min. 7, axis 8 mill.» (B.) — Diam. maj. 42, min. 40, alt.  $9\frac{1}{2}$  mill. (Coll. Nr. 425.)

*Helix Attegia Bens.* in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 484. (Malak. Bl. 1859. p. 3.)

*Helix Attegia Pfr.* Novit. conch. Fasc. XXVI. p. 327. Nr. 443.  
t. 78. f. 17—19.

Habitat ad Phie Than vallis Tenasserim; frequens.

Obs. «Differt ab *H. hyphasmate Pfr.* (ceylonensi) forma angustius conica, sculptura, structura labii columellaris, etc.»

### 315. **H. Ceryx Benson.** †

«Testa perforata, turbinato-conica, tenui, nitidula, oblique striatula, liris pluribus remotis, striisque confertissimis interpositis spiralibus sculpta, translucente, albida, fasciis duabus latis fuscis, superiori prope suturam, altera infra peripheriam, ornata; spira attenuato-conica, apice obtusiusculo; anfractibus 4 convexiusculis, ultimo medio carinato; apertura obliqua, rotundata, peristomate tenui, acuto, margine columellari verticali anguste reflexo, perforationem subtegente. — Diam. maj. 6, min. 5, axis 5 mill.» (B.)

*Helix Ceryx Bens.* in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 184. (Malak. Bl. 1859. p. 4.)

Habitat ad Phie Than vallis Tenasserim.

## §. 49.

316. (228.) **Moussoni Pfr.** — *Nanina Moussoni* (Xesta) A<sup>2</sup>. 50. — Habitat? — *Nanina cidaris juv.* Mart. Ostas. Zool. II. p. 203. (III. 53.)

317. (229.) **laeta Pfr.** — Habitat «Anamullay hills» Indiae orientalis teste *Benson* in Ann. and Mag. n. h. 3d. ser. XIII. (Jun. 1864) p. 497. (IV. 38.)

### 318. **H. Haughtoni Benson.** †

«H. testa perforata, subumbilicata, solidula, subtrochiformi, irregulariter oblique obsolete plicatula, confertissime et minutissime spiraliter striata, epidermide rubenti-olivacea; spira depresso conoidea, apice valde obtuso, sutura impressa; anfractibus  $4\frac{1}{2}$ —5, convexis, ultimo antice breviter vix descendente, ad peripheriam angulato, subtus convexo, circa umbilicum intus callo arctatum compressiusculo; apertura obliqua, subrotundato-lunata, subquadrangulari, intus albida, peristomate recto, marginibus callo tenuissimo junctis, dextro intus subincrassato, columellari superne breviter reflexiusculo, subtus incrassato, intus dente calloso interdum munito. — Diam. maj. 34, min. 27, axis 19 mill.» (Bl.)

*Helix Haughtoni Bens.* in Ann. and Mag. n. h. (Febr. 1863.) 3d. ser. XI. p. 87.

Habitat in insulis Andamanicis (Haughton).



319. (230.) **semidecussata Pfr.** (Coll. Nr. 426.) *Nanina semidecussata* (Hemiplecta) *A*<sup>2</sup>. 52. — Ceylon. (III. 53.)  
 320. (231.) **Oweniana Pfr.** (Coll. Nr. 427.) *Nanina Oweniana* (Rhyssota) *A*<sup>2</sup>. 54. — Ins. Philippin. (III. 628.)  
 321. (232.) **Eucharis Desh.** — Habitat? (IV. 38.)  
 322. (233.) **Shiplayi Pfr.** — Mont. Nilgherries. (IV. 38.)  
 323. (234.) **subtecta Pfr.** — *H. Eucharis* Reeve. — Ins. Salomon. (IV. 39.)  
 324. (235.) **exaltata Pfr.** — *H. Cleryi* Reeve. — Ins. Salomon. (IV. 39.)  
 325. (236.) **argentea Reeve.** — *Trochomorpha argentea* Mart. Ostas. Zool. II. p. 254. — Ins. Mauritii. (IV. 39.)  
 326. (237.) **Emiliana Pfr.** (Coll. Nr. 428.) *Nanina Emiliana* (Hemiplecta) *A*<sup>2</sup>. 53. — Transferatur icon Reeveana ad speciem sequentem. (III. 55.)

### 327. **H. Cingalensis Benson.**

«Testa perforata, conoideo-lenticulari, superne confertim et arcuatim costulata, striis confertis spiralibus granulatim decussata, lutescenti-cornea, translucente, subtus nitidula, radiatim striatula, striis obsoletis spiralibus vix sculpta; spira conoidea, apicem versus attenuata, demum acuta, sutura marginata; anfractibus 6 convexiusculis, lente accrescentibus, ultimo non descendente, ad peripheriam acute compresso-carinato, carina marginata, basi modice convexa; apertura obliqua, late angulato-lunari, peristomate simplici recto, margine columellari superne breviter triangulari-reflexo. — Diam. maj. 17, min. 15, axis 9 mill.» (B.)

*Helix Emiliana* Reeve Conch. ic. t. 108. f. 608. Nec *Pfr.*

— *Cingalensis* Bens. in Ann. and Mag. n. h. 3d. ser. V. (May 1860) p. 383.

Habitat in pago Matelle insulae Ceylon.

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328. (238.) **Baconi Bens.** — *Nanina Baconi* (Orobia) *A*<sup>2</sup>. 58. — India septentr. (III. 55.)

329. (239.) **hyphasma Pfr.** — Ceylon. (IV. 40.)

### 330. **H. Aulopsis Benson. †**

«H. testa perforata, depresso-conoidea, oblique minute striatula, striis confertissimis spiralibus decussata, pallide cornea, nitidula, translucente, versus apicem rubente; spira conoidea, apice acutiusculo, sutura leviter impressa; anfractibus 5, superne subplanulatis, vix convexiusculis, ultimo subtus convexiusculo, ad peripheriam carinato; apertura obliqua, quadrato-lunata; peristomate recto, tenui, acuto, marginibus subremotis, callo tenui junctis, columellari superne breviter dilatato. — Diam. maj. 12, min. 10, axis 6 mill.» (B.)

*Helix Aulopsis Bens.* in Ann. and Mag. n. h. (May 1863.) 3d. ser. XI. p. 348.

Habitat ad portum Blair insularum Andamanicarum.

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331. (240.) **verrucula Pfr.** — Ceylon. (IV. 40.)

332. **H. microconus Mousson.** †

«T. minuta, arcte perforata, conica, oblique striata, spiraliter perminutissime lineata, sine nitore, corneo-grisea. Spira exserto-conica, regularis; summo acutiusculo, parvo; sutura simplici, paulo impressa. Anfr.  $5\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus non descendens, acute carinatus, carina non compressa, subtus conico-planus, in perforationem subito immersus. Apertura obliqua, lunato-rectangularis. Perist. rectum, acutum?, marginibus ad carinam et ad columellam angulatis; columellari subverticali, vix reflexiusculo. — Diam. maj. 2, min.  $1\frac{2}{3}$ , alt. 2 mill.» (M.)

*Nanina microconus Mouss.* in Journ. Conch. XIII. 1865. p. 192.  
Habitat Lomma-Lomma ins. Viti (Gräffe).

333. **H. culmen W. Blanford.** †

«Testa perminute perforata, trochiformis, tenuissima, cornea, translucens. Spira conica, apice obtuso, sutura impressa. Anfr. 6, superne convexi, oblique striati et lineis subtilibus elevatis spiralibus sculpti, ultimus peripheria acute carinatus, non descendens, subtus tumidus et minute decussatim striatus. Apertura parum obliqua, subquadrato-lunata, latior quam alta; perist. simplex, tenue, marginibus distantibus, columellari verticali, superne leviter reflexo. — Diam. maj.  $5\frac{3}{4}$ , min.  $5\frac{1}{3}$ , axis  $5\frac{1}{2}$  mill.» (Bl. angl.)

*Nanina* (Trochomorpha) *culmen W. Blanf.* Contrib. to Ind. Malac. V. 1865. p. 8.

Habitat Pegu.

334. **H. gratulator Blanford.** †

«T. perforata, turbinata, tenuis, albido-cornea. Spira conica, apice obtuso, sutura impressa. Anfr. 5, lente et regulariter accrescentes, convexi, superne oblique striati et spiraliter lirati, ultimus peripheria carinatus, subtus striis radiantibus et concentricis decussatus, circa perforationem non excavatus. Apertura diagonalis, subtrapezoidalis, latior quam alta; perist. tenue, marginibus distantibus, callo junctis, basali profunde sinuato, columellari verticali, angulum rectum cum basali formante, superne breviter triangulatim reflexo, parte reflexa in-

crassata et perforationem semioccupante. — Diam. maj. 5, min.  $4\frac{1}{2}$ , alt. 4 mill.» (Bl. angl.)

*Nanina (Trochomorpha?) gratulator* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 8.

Habitat in valle Irawaddy, Pegu.

## §. 20.

335. (241.) **stolephora** Val. (Coll. Nr. 129.) *H. buphthalmus* Fér. — *Nanina stolephora* (Rhysota) A<sup>2</sup>. 54. — Ins. Philippin. (I. 52.)

336. (242.) **citrina** Linn. (Coll. Nr. 130.) *Cochlea terrestris* Rumph. Amb. Rar. p. 92. Nr. XIV. t. 27. f. 3. (rudis — ex descriptione recognoscenda). — *H. variegata* Humphr., *atrorubra* Less. — *Nanina citrina* (Xesta) A<sup>2</sup>. 54. — *Nanina citrina* Wallace in Proc. Zool. Soc. 1865. p. 405: ins. Aru. — Mart. Ostas. Zool. II. p. 493.\*) t. 6. f. 1. 2. t. 7: Amboina, Ceram, Buru. (I. 53. III. 60.)

337. (243.) **aulica** Pfr. (Coll. Nr. 131.) *Nanina aulica* (Xesta) A<sup>2</sup>. 54. — Wallace in Proc. Zool. Soc. 1865. p. 406: Nova Guinea, Waigiou. — Mart. Ostas. Zool. II. p. 499.\*\*) t. 8. f. 2. 3 cum var. *gibbosa* (Reeve f. 484 c.) — *Nanina Argenvillei* Shuttl. mss. teste Mart. (III. 61.)

338. (244.) **luctuosa** Beck. — *Nanina luct.* (Xesta) A<sup>2</sup>. 54. — Wallace in Proc. Zool. Soc. 1865. p. 406: Ceram, Goram, Batchian, ins. Aru. (III. 629.)

\*) «Testa perforata, orbiculato-convexa, oblique striatula, lineis spiralibus raris plus minusve distinctis, nitida, flava, aurantiorubicunda vel fuscovialacea, plerumque fuscofasciata, zona suturali et altera peripherica opace albida; spira obtusa; anfr. 5, vix convexi, sutura appressa, ultimus rotundatus; apertura lunato-semielliptica; peristoma simplex, acutum, rectum, margine columellari ad insertionem breviter triangulatim reflexo.

α. *typica* t. 7. f. 4. 5 (cum mutatione fuscescente et dimidiata).

β. *tiara* Beck t. 7. f. 7. — Ceram.

γ. *columellaris* Beck t. 7. f. 2. 6. 8. — Ceram.

δ. *aurantia* t. 7. f. 1. 3. — Ceram.

ε. *praetexta* t. 7. f. 9. — Ceram, Goram.

ζ. *opaca* t. 7. f. 10.» (v. M.)

\*\*) «Testa perforata, depresso orbiculato-conica, oblique striata (saepius lineis impressis spiralibus solitariis notata), nitida, fulva vel alba, zona suturali albida *lata*; spira breviter elevata, acutiuscula; anfr.  $4\frac{1}{2}$ , celerius accrescentes, vix convexi, ad suturam appressam linea impressa notati, *ultimus depressus*; apertura subdiagonalis, elongate lunaris; peristoma simplex, rectum, margine columellari ad insertionem brevissime reflexo. — Diam. maj.  $44\frac{1}{2}$ — $45\frac{1}{2}$ , min. 35—36, alt. 27— $27\frac{1}{2}$ ; apert. lat. 25—27, alt. 21—22 mill.

β. var. *gibbosa* Mart. Supra magis complanata, anfractu ultimo prope suturam gibbose tumido, lineis impressis spiralibus nonnullis exarata; sordide lutea, subconcolor. — Diam. maj. 47, min.  $36\frac{1}{2}$ , alt.  $26\frac{1}{2}$ ; apert. lat. 27, alt.  $21\frac{1}{2}$  mill.» (v. M.)



β. Minor, punctis pellucidis pallidis, apertura intus alba, castaneo-unifasciata.

*Helix Wallacei* Pfr. in Proc. Zool. Soc. 1858. p. 20. t. 40.  
f. 5. (Malak. Bl. 1859. p. 4.)

*Nanina Wallacei* Wallace in Proc. Zool. Soc. 1865. p. 406.

— — (Xesta) Mart. Ostas. Zool. II. p. 202.\*) (Synon.:  
*H. semipartita* Desh.?)

Habitat Macassar (Wallace).

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341. (245.) **coagulata** Pfr. — Amboina. — *Nanina citrina* var.  
*albina* Mart. Ostas. Zool. II. p. 198. (IV. 41.)

342. (246.) **zosterophora** Pfr. — Habitat? (IV. 41.)

343. (247.) **spiralis** Guill. † — *Nanina spiralis* (Xesta) A<sup>2</sup>. 51. —  
Ins. Arrow. (I. 53.)

344. (248.) **Desgrazii** Jacq. † — Sumatra. — (An = *H. umbilicaria*  
Guill.? Mart. Ostas. Zool. II. p. 214.) (IV. 42.)

### 345. **H. Dohrniana** Pfr.

T. perforata, depressa, suborbicularis, tenuiuscula, sublaevigata, parum diaphana, lutescenti-grisea; spira breviter conoidea, vertice minuto, obtuso; anfr. 6½ convexiusculi, regulariter accrescentes, ultimus non descendens, supra medium obsolete subangulatus, basi vix convexior, nitidior; apertura fere verticalis, transverse lunaris; perist. simplex, rectum, margine columellari declivi, levissime arcuato, ad perforationem reflexiusculo. — Diam. maj. 34½, min. 28, alt. 15 mill. (Coll. Nr. 132.)

*Helix Dohrniana* Pfr. in Proc. Zool. Soc. 1860. p. 136 (sphalm.  
*Döhrniana*); Malak. Bl. 1860. p. 232;  
Novit. conch. p. 303. Nr. 414. t. 73. f.  
11 — 13.

*Nanina Dohrniana* (Hemiplecta) Mart. Ostas. Zool. II. p. 72.

Habitat Siam (Mouhot).

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346. (259.) **consul** Pfr. (Coll. Nr. 133. Anfr. 7; diam. maj. 28, min.  
25, alt. 14 mill.: Labuan.) — Pfr. Novit. conch. p. 306. Nr. 418.

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\*) «Testa anguste perforata, orbiculato-discoidea, utrinque subaequaliter convexa, striis obliquis levibus aequalibus lineisque raris spiralibus sculpta, valde nitida, albido-isabellina, fusco-unifasciata (maculis sparsis parvis nigris picta); spira brevissime conoidea, obtusa; anfr. 5, subplani, sutura appressa, ultimus depressus, haud angulatus; apertura diagonalis, lunato-semielliptica; peristoma simplex, rectum, obtusum, margine basali paulum arcuato, columellari valde obliquo, ad insertionem brevissime reflexo. — Diam. maj. 24½—25, min. 17—20½, alt. 13—15; apert. long. 11½—14, lat. 9½—10 mill.» (v. M.)

t. 74. f. 11. 12. — *Macrochlamys consul* Wallace in Proc. Zool. Soc. 1865. p. 405: Bourou.?? — *Nanina consul* (Macrochlamys) Mart. Ostas. Zool. II. p. 240.\*) — Borneo. (IV. 44.)

### 347. *H. ignescens* Pfr.

T. subperforata, globoso-depressa, vitrinoidea, tenuis, striatula et striis impressis spiralibus sub lente decussatula, pellucida, nitidissima, corneo-ignescens; spira parum elevata; anfr.  $4\frac{1}{2}$  rapide accrescentes, convexiusculi, ultimus ventrosus, non descendens; apertura fere diagonalis, rotundato-lunaris; perist. simplex, rectum, marginibus vix convergentibus, dextro antrorsum subarcuato, columellari arcuato-declivi, filari, superne anguste reflexo. — Diam. maj.  $27\frac{1}{2}$ , min. 23, alt. 15 mill. (Mus. Cuming.)

*Helix ignescens* Pfr. in Proc. Zool. Soc. 1864. p. 20. t. 2. f. 4;  
Novit. conch. p. 167. Nr. 265. t. 45. f. 12. 13.

*Nanina ignescens* Wallace in Proc. Zool. Soc. 1865. p. 406.

— — (Xesta) Mart. Ostas. Zool. II. p. 192.\*\* t. 9.  
f. 2.

Habitat in insula Batchian (Wallace).

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348. (249.) **Birmana** Pfr. — Mergui. (IV. 42.)

349. (250.) **Pfeifferi** Phil. (Coll. Nr. 134.) *H. lurida* Gould. — *Nanina Pfeifferi* (Xesta) A<sup>2</sup>. 50. — Ins. Feejee. Conf. Mart. Ostas. Zool. II. p. 58. (I. 54.)

### 350. *H. sulfurata* Martens. †

«Testa anguste perforata, depressa, leviter striatula, supra sulfurea, fusco-fasciata, infra albida; spira convexiuscula, obtusa; anfr. 4, ultimus rotundatus, haud descendens; apertura

\*) «Testa subobtectate perforata, conoidea-depressa, leviter striatula et sub lente striis spiralibus numerosis inaequalibus sculpta, mediocriter nitida, rufo-cornea, concolor; spira brevissime conoideo-elevata, sutura pallide nigricans, marginata; anfr.  $6\frac{1}{2}$ , convexiusculi, arcti, ultimus rotundatus, antice haud descendens, regione umbilicali excavata; apertura subverticalis, lunata; peristoma rectum, acutum, marginibus distantibus, columellari mediocriter declivi, in excavatione umbilicali ipsa reflexo. — Diam. maj. 22, min. 19, alt. 13; apert. long. 12, lat. 10 mill.» (v. M.)

\*\*) «Testa perforata, globoso-depressa, *glutinose-nitida*, tenuis, striatula et striis impressis spiralibus sub lente decussatula, pellucida, rufo-cornea, zona suturali angusta alba; spira vix elevata; anfr.  $4\frac{1}{2}$  rapide accrescentes, convexiusculi, ultimus ventrosus, non descendens; apertura fere diagonalis, lunato-rotundata; peristoma simplex, rectum, marginibus distantibus, externo bene arcuato, columellari arcuato-declivi, filari, ad insertionem breviter reflexo. — Diam. maj.  $29\frac{1}{2}$ —30, min. 21, alt.  $19\frac{1}{2}$ —20; apert. long. 17— $18\frac{1}{2}$ , lat.  $16\frac{1}{2}$ —17 mill.» (v. M.)



diagonalis, late lunata; peristoma simplex, acutum, margine columellari ad insertionem paulisper reflexo. — Diam. maj. 25, min. 20, alt. 17; apert. long. 13, alt. 12 mill.» (v. M.)

*Nanina sulfurata* Martens in Monatsber. Berl. Ak. 18 Apr. 1864. p. 264; (Xesta) Ostas. Zool. II. p. 191. t. 8. f. 1. 1b.

Habitat in insulis Moluccis Batjan et Halmahera.

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351. (251.) **cinnamomea** Val. (Coll. Nr. 135.) *Nanina cinnamomea* (Xesta) A<sup>2</sup>. 50. — Penang. (I. 54. IV. 42.)

### 352. **H. hyalina** Martens. †

«Testa semiobtectae perforata, orbiculata, striatula, valde nitida, corneoflava; spira vix prominula, sutura marginata, violascenti-rufa; anfr. 6½, convexiusculi, ultimus rotundatus, antice non descendens, regione umbilicali excavata; peristoma rectum, acutum, marginibus distantibus, columellari in ipsa excavatione umbilicali reflexo. — Diam. maj. 21½, min. 18, alt. 12; apert. long. 11, lat. 9 mill.» (v. M.)

*Nanina (Orobia) hyalina* Martens in Monatsber. Berl. Ak. 18 Apr. 1864. p. 266; (Macrochlamys) Ostas. Zool. II. p. 241. t. 12. f. 5.

Habitat in parte occidentali insulae Borneo.

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353. (252.) **cycloidea** Alb. — *Nanina cycloidea* (Orobia) A<sup>2</sup>. 58. India or. (IV. 43.)

(253. *cincta* Lea vid. *Helix Steursi* Shuttl. in §. 13.)

354. (254.) **casca** Gould. (Coll. Nr. 136.) *H. calva* Gould olim, *Vitiensis* Pfr. — *Nanina casca* (Orobia) A<sup>2</sup>. 59. — Ins. Feejee. (IV. 43.)

### 355. **H. Benoiti** Crosse et Fischer. †

«T. vix perforata, subdepressa, tenuis, hyalina, nitida, cornea; spira parum elevata, apice obtusulo; anfr. 6 convexiusculi, regulariter accrescentes, ultimus non descendens, subtus parum convexus, concolor, in medio cavatus; apertura subobliqua, lunaris; peristomium simplex, acutum. — Diam. maj. 16, min. 14, alt. 9 mill.» (Cr.)

*Zonites Benoiti* Crosse et Fisch. in Journ. Conch. XI. 1863. p. 346. t. 14. f. 4.

Habitat in Cochinchina.

Obs. W. Blanford (Journ. Conch. XIV. 1866. p. 338) *Naninae* subgeneri *Macrochlamydi* adnumerandam monet.

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356. (255.) **fusco-lutea** Grat. † — Madagascar. (?) (I. 55.)  
 357. (256.) **Menkeana** Pfr. (Coll. Nr. 137.) Phasis A<sup>2</sup>. 161. — *H. capensis* Mk. — Promont. bonae spei. (I. 55.)  
 358. (257.) **lineolata** Chemn. † — (I. 56.)  
 359. (258.) **decussata** Bens. (Coll. Nr. 138.) *Nanina decussata* (Orobia) A<sup>2</sup>. 58. — Bengalía. (III. 62.)  
 (259. consul Pfr. vid. Nr. 346.)  
 360. (260.) **vitrinoides** Desh. (Coll. Nr. 139.) *H. petrosa* Hutt. — *Nanina vitrinoides* (Orobia) A<sup>2</sup>. 58. — Bengalía. (I. 56.)

### 361. **H. pedina** Benson. †

«H. testa perforata, orbiculato-depressa, tenuissima, irregulariter striatula, superne nitidiuscula, subtus nitida, translucens, fulva, vel pallide cornea; spira depressa, apice obtuso, interdum acutiusculo, sutura anguste marginata; anfractibus 6, convexiusculis, ultimo latiore, superne ad peripheriam obtuse angulato; apertura obliqua, lunari, latiuscula, peristomate tenuissimo, intus non labiato, margine columellari superne breviter reflexo. — Diam. maj. 32, min. 28, axis 14 mill.» (B.)

*Helix pedina* Bens. in Ann. and Mag. n. h. (Jan. 1865.) 3d. ser. XV. p. 13.

Habitat prope Bombay et Ahmednugger.

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362. (261.) **resplendens** Phil. (Coll. Nr. 140.) *H. expolita* Desh. — *Nanina resplendens* (Orobia) A<sup>2</sup>. 58; Mart. Ostas. Zool. II. p. 72. \*) t. 12. f. 6: var. obesior. — Birma. (I. 56.)

### 363. **H. Acerra** Benson. †

«Testa perforata, orbiculato-depressa, tenui, obscure radiato-striatula, pallide cornea, vix nitente; spira planata, apice vix elevatiusculo, obtuso, sutura impressiuscula, tenui-marginata; anfractibus 6½ angustis, arcte convolutis, planulatis, ultimo superne convexiusculo, ad peripheriam superne angulato-compresso, subtus convexo; apertura vix obliqua, late lunari, angustiori, peristomate tenui, acuto, margine basali arcuato, columellari oblique descendente, superne breviter reflexo. — Diam. maj. 28, min. 25, axis 9 mill.» (B.)

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\*) «Testa angustissime perforata, discoideo-depressa, tenuis, nitida, vix striatula, lineis spiralibus nullis, flavocornea, subtus albescens; sutura marginata, pallide violacea; anfr. 6—6½, arcti, paulum prominuli, ultimus rotundatus, antice non descendens; apertura fere perpendicularis, late et oblique lunaris; peristoma simplex, acutum, remote et tenuissime labiatum, margine columellari ad insertionem triangulariter reflexo. — Diam. maj. 24, min. 20, alt. 12½; apert. long. 12½, lat. 10⅓ mill. — Petshaburi, Siam.» (v. M.)

*Helix Acerra Bens.* in Ann. and Mag. n. h. 3d. ser. III. (May 1859.) p. 389.

Habitat in valle Tenasserim et ad urbem Mergui Birmaniae.

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364. (262.) **lubrica Bens.** — Himalayah. (IV. 44.)

365. (263.) **politissima Pfr.** — *Nanina politissima* (Xesta) A<sup>2</sup>. 54. — Ceylon. — *Hyalina politissima* Mart. Ostas. Zool. II. p. 44: China. (IV. 45.)

### 366. **H. jucunda Pfr.**

T. subclausa perforata, conoideo-depressa, tenuis, sub lente conferte striata, nitida, fusco-cornea; spira breviter conoideo-elevata, vertice subtili; anfr.  $6\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus non descendens, periphæria rotundatus, basi medio impressus; apertura vix obliqua, irregulariter lunaris, intus submargaritacea; perist. simplex, rectum, marginibus distantibus, dextro regulariter arcuato, columellari declivi, parum arcuato, ad insertionem breviter reflexo. — Diam. maj. 17, min.  $15\frac{1}{2}$ , alt. 9 mill. (Coll. Nr. 144.)

*Helix jucunda Pfr.* in Proc. Zool. Soc. 1863. p. 524; Novit. conch. p. 307. Nr. 419. t. 74. f. 13. 14.

*Nanina jucunda* (Macrochlamys) Mart. Ostas. Zool. II. p. 240.\*) t. 12. f. 7.

Habitat in insula Labuan (H. Low).

### 367. **H. fulvo-carnea Martens. †**

«Testa perforata, orbiculata, striatula, lineis spiralibus confertissimis subtilissimis sculpta, satis nitida, supra aurantio-brunnea, subtus in roseum vergens; spira brevis, conoidea; sutura marginata, plicatula, nigricanti-violacea; anfr. 5, vix convexiusculi, ultimus rotundatus, antice non descendens; apertura parum obliqua, late lunata; peristoma rectum, acutum, marginibus distantibus, basali leviter antrorsum convexo, columellari perobliquo, paululum reflexiusculo. — Diam. maj. 17, min. 14, alt. 10; apert. long.  $9\frac{1}{2}$ , lat. 7 mill.» (v. M.)

*Nanina* (Orobis) *fulvo-carnea* Mart. in Monatsber. Berl. Ak.

\*) «Testa semiobtectæ perforata, conoideo-depressa, striatula, sat nitida, rubello-carnea, concolor, basi paulum pallidior; spira convexa; sutura marginata; anfr.  $5\frac{1}{2}$ —6, convexiusculi, ultimus rotundatus, antice haud descendens; regione umbilicali excavata; apertura subverticalis, lunata; peristoma rectum, acutum, marginibus distantibus, columellari mediocriter declivi, in excavatione umbilicali reflexo. — Diam. maj. 16—18, min. 14— $15\frac{1}{2}$ , alt.  $9\frac{2}{3}$ —11; apert. long. 9—11, lat. 7—8 mill. — Var. min. anfr. 5: diam. maj. 11, min.  $9\frac{1}{2}$ , alt.  $6\frac{1}{2}$  mill.» (v. M.)

18 Apr. 1864. p. 266; (Macrochlamys)  
Ostas. Zool. II. p. 242. t. 12. f. 8.

Habitat Manado, Celebes (Riedel).

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368. (264.) **Keppelli Pfr.** — Ins. Salomon. (IV. 45.)

369. **H. Vesta Pfr.**

T. subobtecte perforata, depressa, tenuis, laevigata, nitidissima, pellucida, virenti-cornea; spira subconoidea, vertice minuto, papillari; sutura marginata; anfr.  $5\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus rotundato-depressus, antice non descendens, basi medio impressus, perforatione callo subclausa; apertura obliqua, dilatato-lunaris; perist. simplex, marginibus subconvergentibus, columellari arcuatim ascendente, ad insertionem reflexiusculo. — Diam. maj.  $15\frac{1}{2}$ , min. 13, alt.  $7\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix Vesta Pfr.* in Proc. Zool. Soc. 1865. p. 828. t. 46. f. 9;  
Malak. Bl. 1866. p. 40.

Habitat in insula Formosa (Swinhoe).

370. **H. superlita Morelet.**

«Testa obtecte perforata, depressa, tenuis, pellucida, vix striatula, fulvo-rufescens, nitide micans; spira planulata, apice vix prominula; anfr. 5 convexi, sutura canaliculata juncti, ultimus circa perforationem concaviusculus; apertura parum obliqua, lunato-ovalis; perist. simplex, rectum, margine columellari sinuato, leviter calloso, ad perforationem saepius obstructam vix reflexiusculo. — Diam. maj. 15, min. 12, alt. 7 mill.» (M. — Coll. Nr. 142.)

*Helix superlita Mor.* in Revue et Mag. Zool. 1862. p. 477.

*Hyalina superlita Mart.* Ostas. Zool. II. p. 41.

Habitat Wamboa et Cantong.

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371. (265.) **Malaccana Pfr.** — Malacca. (IV. 45.)

372. **H. subcornea Pfr.**

T. subclausa perforata, depressa, tenuis, laevigata, albidocornea; spira vix conoideo-elevata, vertice subtili; sutura filomarginata; anfr.  $7\frac{1}{2}$  convexiusculi, ultimus vix latior, basi convexior; apertura verticalis, auriformi-lunaris; perist. simplex, rectum, margine columellari longe declivi, subincrassato. — Diam. maj.  $13\frac{2}{3}$ , min.  $12\frac{1}{2}$ , alt. 6 mill. (Mus. Cuming.)

*Helix subcornea* Pfr. in Proc. Zool. Soc. 1861. p. 20. (Malak. Bl. 1860. p. 232.)

*Nanina subcornea* (Orobia) Mart. Ostas. Zool. II. p. 73.

Habitat Siam.

Obs. Persimilis *H. resplendenti*; differt praesertim statura, numero anfractuum, etc.

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373. (266.) **convallata** Bens. — Pfr. Novit. conch. p. 132. — Birmania. (IV. 46.)

374. **H. compluvialis** W. Blandford. †

«Testa perforata, subgloboso-depressa, tenuis, pallida, cornea, laevigata, polita, diaphana, minutissime striata. Spira convexa; sutura profunde et latiuscule cavata, versus apicem obsoleta. Anfr.  $4\frac{1}{2}$ , convexi, superne juxta fossam suturalem acute angulati, ultimus antice non descendens. Apertura obliqua, irregulariter lunata, aequae alta ac lata; perist. simplex, tenue, marginibus distantibus, columellari ad perforationem breviter reflexo. — Diam. maj. 10, min. 9, axis  $6\frac{1}{2}$  mill. Ap. 5 mill. lata.» (Bl. angl.)

*Nanina* (*Macrochlamys*) *compluvialis* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 2.

Habitat in montibus Arakanensibus.

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375. (267.) **Aglaja** Pfr. — *Nanina Aglaja* (*Macrochlamys*) Mart. Ostas. Zool. II. p. 242.\* t. 12. f. 13. — Borneo. (IV. 46.)

376. **H. sculptilis** Bland. †

«T. obtecte perforata, suborbiculari, depressa, subpellucida, pallide cornea, nitenti, lineis transversis regularibus concinne impressa; spira parum elevata, subconvexa; anfr. 7, planulatis, ultimo rapide accrescente, prope aperturam  $\frac{1}{3}$  diametri subaequant; basi planulata, leviter excavata; sutura parum impressa; apertura subobliqua, depressa, transversa, lunari; perist. simplici, acuto, sinuato, margine columellari rapide et anguste reflexa, et perforationem minutam tegenti. — Diam. maj.  $12\frac{1}{2}$ , min. 11, alt. 5 mill.» (Bl.)

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\*) «Testa semiobtectate perforata, convexo-orbiculata, leviter striata, valde nitida, laete lutea, concolor; spira paulum prominula; sutura marginata, nigricans; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus rotundatus, subinflatus, antice non descendens; apertura fere verticalis, arcuato-lunata; peristoma simplex, rectum, margine basali valde arcuato, paululum antrorsum producto, columellari in excavatione umbilicali latiuscule reflexo. — Diam. maj. 10, min.  $8\frac{1}{2}$ , alt. 6; apert. long. 5, lat.  $4\frac{1}{2}$  mill.» (v. M.)

*Helix sculptilis* Bland in Ann. Lyc. N. York VI. (Febr. 1858.)  
p. 279. t. 9. f. 11—13. (Malak. Bl. 1859.  
p. 5.)

— — Binn. Terr. Moll. IV. p. 100. t. 77. f. 15.

Habitat « Anantehely Mountains » Carolinae septentrionalis  
(Elliott).

### 377. *H. Hudsoniae* Benson. †

« *H. testa minutissime obtecte perforata, globoso-depressa, tenuissima, laevigata, striatula, lineis minutissimis confertissimis spiralibus superne decussata, prope umbilicum polita, cornea, translucida, prope suturam linea angusta rufescente ornata; spira depresso-conoidea, sutura submarginata, apice obtuso; anfr.  $3\frac{1}{2}$ , rapide accrescentibus, convexiusculis, ultimo lato, ad peripheriam rotundato, subtus convexo; apertura obliqua, globoso-lunata, marginibus subconniventibus; peristomate tenui, acuto; margine columellari superne breviter reflexo, perforationem obtegente. — Diam. maj.  $12\frac{1}{2}$ , min.  $10\frac{1}{2}$ , axis 7 mill. » (B.)*

*Helix Hudsoniae* Bens. in Ann. and Mag. n. h. (Jun. 1864.)  
3d. ser. XIII. p. 493.

Habitat ad Riversdale Promontorii bonae spei.

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378. (268.) *vallicola* Pfr. — Mont. Koondah Indiae. (IV. 46.)

### 379. *H. hypoleuca* Blanford. †

« Testa aperte perforata, depressa, pertenuis, laevigata, polita, cornea, superne saturate brunnea, subtus pallidior, saepe alba; leviter striata (superne oblique, subtus radiatim), cum striis concentricis microscopicis, frequenter obsoletis. Spira perparum elevata; apex obtusiusculus; sutura impressa, interdum submarginata. Anfractus 5, superne convexiusculi, ultimus latior, non descendens, subtus rotundatus. Apertura lunata, fere verticalis, latior quam alta; perist. acutum, rectum, margine columellari oblique arcuatim descendente, vix reflexo — Diam. maj. 12, min.  $10\frac{1}{2}$ , axis 6 mill. » (Bl. angl.)

*Nanina (Macrochlamys) hypoleuca* W. Blanf. Contrib. to Ind.  
Malac. V. 1865. p. 3.

Habitat Akoutong, Pegu.

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380. (269.) *carneola* Pfr. — Ceylon. (IV. 47.)



381. **H. effusa Pfr.**

T. perforata, depressa, tenuiuscula, conferte striata, hyalino-albida; spira parum elata, vertice minuto; sutura impressa, submarginata; anfr. 6 lente accrescentes, convexiusculi, ultimus non descendens, basi inflatus, laevior; apertura subverticalis, irregulariter lunaris, ad basin columellae effusa; perist. simplex, rectum, margine columellari breviter reflexo, subverticali, angulatim cum basali juncto. — Diam. maj. (spec. max.)  $11\frac{1}{2}$ , min. 10, alt.  $6\frac{1}{2}$  mill. (Coll. Nr. 143.)

*Helix effusa* Pfr. in Malak. Bl. XIII. 1866. p. 78.

Habitat in monte Platon insulae Haiti (Smith).

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382. (270.) **villaris Pfr.** (Coll. Nr. 144.) Australia. (IV. 47.)

383. (271.) **ceratodes Pfr.** (Coll. Nr. 145 spec. maximum: diam. maj. 22, min. 19, alt. 10 mill.: Lao Mountains, Camboja.) *Nanina ceratodes* (Orobia) A<sup>2</sup>. 58. — Philippin. (I. 57.)

384. (272.) **sarcodes Reeve.** † — Ins. Philippin. (IV. 47.)

385. (273.) **inornata Say.** (Coll. Nr. 146.) *Binn.* Terr. Moll. IV. p. 109. — *Bland* in Ann. Lyc. N.-York 1860. VII. p. 127 (*inornata* *Binn.*, nec *Say.* Synon.: *H. glaphyra Say?*) — *Hyalina inornata* (Mesomphix) A<sup>2</sup>. 71. — Ohio. (I. 84. IV. 48.)

386. (274.) **calamechroa Jon.** (Coll. Nr. 147.) *Nanina calamechroa* (Thapsia) A<sup>2</sup>. 56. — Guinea. (I. 57.)

387. (275.) **subfusca Beck.** — *Nanina subfusca* (Orobia) A<sup>2</sup>. 58. — Luzon. (III. 62.)

388. (276.) **russeola Mor.** † — Mayotte. (III. 63.)

389. (277.) **demissa Binn.** (Coll. Nr. 148.) *Hyalina demissa* (Mesomphix) A<sup>2</sup>. 71. — Amer. bor. (I. 58. IV. 48.)

390. **H. ptychoraphe Weinland et Martens.** †

«Testa perforata, depressa, tenuis, subtiliter striatula, nitida, olivaceo-cornea, basi concolor; spira parum elevata, conica; anfr.  $5\frac{1}{2}$ , plani, lente accrescentes, ultimus non descendens; sutura striis fortioribus crenulata; apertura parum obliqua, lunato-ovalis; peristoma simplex, acutum, margine umbilicari reflexiusculo. — Diam. maj.  $11\frac{1}{2}$ , min. 9, alt. 5 mill.» (v. M.)

*Hyalina ptychoraphe* Weinl. et Mart. in Malak. Bl. VI. 1859. p. 18.

— — (Mesomphix) *Alb. Helic.* ed. Mart. p. 71.

Habitat in insula Haiti.

391. **H. Stephus Benson.** †

«H. testa angustissime perforata, depressa, vix striatula, laevigata, polita, translucida, fulva; spira depresso-conoidea, elevatiuscula, latere concaviusculo, apice obtuso, sutura vix

impressa, submarginata; anfractibus 6, vix convexiusculis, lente accrescentibus, ultimo supra peripheriam obtusissime angulato, subtus convexo; apertura obliqua, anguste lunata; peristomate tenui, recto, subsinuato, marginibus superiore et basali leviter antrorsum arcuatis, columellari oblique descendente, leviter expanso. — Diam. maj. 10, min. 9, axis  $4\frac{1}{2}$  mill.» (B.)

*Helix Stephus* Bens. in Ann. and Mag. n. h. 3d. ser. VII. (Febr. 1861.) p. 84.

Habitat ad Portum Blair Andamanicum.

### 392. *H. margarita* Beck. †

«Testa angustissime perforata, orbiculato-depressa, vix striatula, nitida, pellucida, pallide flavescens; spira parum elevata, convexa; sutura distincta, plano-marginata; anfractus 4, ultimus magnus, rotundatus, antice non descendens, basi juxta perforationem leviter impressus; apertura vix obliqua, rotundato-lunaris; peristoma simplex, acutum, margine arcuato, columellari incrassato, fornicatim reflexo. — Diam. maj.  $8\frac{1}{2}$ , min. 7, alt.  $4\frac{1}{2}$  mill.» (Alb. ex specim. authent.)

*Microcystis margarita* Beck, *Mörch* Cat. Yold. p. 2. (Nomen.)

*Nanina margarita* (Microcystis) Alb. Helic. ed. Mart. p. 50.

Habitat in ins. Pitcairn.

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393. (278.) **succinea** Pfr. (Coll. Nr. 149.) *Nanina succinea* (Microcystis) A<sup>2</sup>. 49. — Ins. Philippin. (I. 58.)

394. (279.) **rustica** Pfr. (Coll. Nr. 150.) *H. inconspicua* Forb. — *H. Crotali* Cox Cat. Austr. landsh. p. 13. 18. — *Nanina rustica* (Thalassia) A<sup>2</sup>. 59. — Australia. (III. 63.)

### 395. *H. impeza* Reeve. †

Cox (Catal. Austral. landsh. p. 13) hanc speciem, ad Elizabeth-Bay, Sidney lectam, ab *H. inconspicua* Forb. diversam declarat.

### 396. *H. Todarum* W. et *H. Blanford*. †

«T. perforata, subdepressa, fulvo-cornea, tenuis, nitida striata; spira depresso-conica, apice acuta. Anfr.  $5\frac{1}{2}$  subplanulati, sensim accrescentes, ultimus haud descendens, subtus convexus, radiato-striatulus. Apertura vix obliqua, late lunaris; perist. rectum, tenue, margine columellari breviter reflexo. — Diam. maj. 14, min. 12, alt. 8 mill. Ap. 6 mill. alta, 7 lata.» (Bl.)

*Helix Todarum* W. et *H. Blanf.* Contrib. to Ind. Malac. Nr. 2.  
1864. p. 7. t. 4. f. 8.

Habitat prope Pykara et Neddiwuttom, in montibus Nilgiris.

Obs. Differt ab *H. Perrotteti* statura majore et spira altiore.

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397. (280.) **Perrotteti Pfr.** (Coll. Nr. 151.) *Nanina Perrotteti* (Orobia) A<sup>2</sup>. 58. — Mont. Nilgherries. (III. 63.)

398. (280 a.) **Atlantica Drouët.** (Coll. Nr. 152.) *Pfr.* Mon. Hel. IV. p. 344. — Ins. Azor.

### 399. **H. incisa Pfr.**

T. vix subperforata, depressa, subdiscoidea, tenuiuscula, nitida, virenti-cornea; spira vix elevata, vertice minuto; sutura impressa; anfr.  $4\frac{1}{4}$  planiusculi, celeriter accrescentes, superne striis arcuatis subdistantibus, versus aperturam confertioribus, incisi; apertura parum obliqua, oblique lunaris, intus submarginata; perist. simplex, rectum, marginibus vix convergentibus, supero antrorsum subdilatato, basali ad insertionem vix reflexiusculo. — Diam. maj.  $8\frac{2}{3}$ , min.  $7\frac{1}{2}$ , alt. 3 mill. (Coll. Nr. 153.)

*Helix incisa Pfr.* in Malak. Bl. XIII. 1866. p. 78.

Habitat in insula Barbados (Th. Gill teste Bland).

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400. (281.) **nitella Mor.** † — Ins. Mauritii. (III. 64.)

401. (282.) **vilipensa Bens.** † — Ceylon. (IV. 49.)

### 402. **H. Guildingi Bland.** †

«T. perforata, depressa, tenuis, subtilissime striatula, nitida, diaphana, corneo-succinea; spira planiuscula; anfr. 4 celeriter accrescentes, vix convexiusculi, ad suturam leviter impressam breviter striato-marginati, ultimus latior, non descendens; apertura fere verticalis, lunato-rotundata; perist. simplex, acutum, margine columellari vix reflexiusculo. — Diam. maj. 8, min. 7, alt. 3 mill.» (Bl.)

*Stenopus? Guildingi Bland* in Ann. Lyc. N.-York VIII. (Nov. 1865.) p. 157 c. ic.

Habitat Porto Cabello, Venezuela (R. Swift).

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403. (283.) **umbrina Pfr.** (Coll. Nr. 154.) Ceylon. (IV. 49.)

404. (284.) **perfucata Bens.** † — Ceylon. (IV. 50.)

405. (285.) **pinguis Krauss.** — Pella A<sup>2</sup>. 84. — Natal. (III. 64.)

406. (286.) **albicans Pfr.** — Jamaica. (III. 64.)

407. (287.) **Lardy Charp.** — Opara. (IV. 50.)

408. **H. Rigiaca Bourguignat.** †

«Testa perforata, compressa, albido-crystallina, nitida, levi. Anfractibus 6 subplanulatis, regulariter crescentibus, sutura impressa separatis; ultimo magno dilatato, infra subplanulato; apertura vix obliqua, lunato-oblonga; peristomate acuto, simplice. — Alt. 3, diam. 9 mill.» (B.)

*Zonites Rigiacus Bourg.* in Rev. et Mag. Zool. 1862. p. 439.  
(Malac. du lac des Quatre-Cantons 1862.)

Habitat in monte Rigi Helvetiae.

Obs. «Species gigantea e sectione *Zonitis pseudo-hydatini*, *crystallini*, etc.»

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409. (288.) **egenula Mor.** (Coll. Nr. 155.) Senegal. (III. 65.)

410. (289.) **columellaris Pfr.** (Coll. Nr. 156.) Senegal. (III. 65.)

411. **H. Upolensis Mousson.** †

«T. parva, obtecte perforata, tenuis, depresso-rotundata, pellucida, nitida, vix striatula, pallide cornea. Spira obtuse depressa, regularis; summo minuto; sutura non profunda, appresso-submarginata. Anfr. 5 convexiusculi; ultimus depresso-rotundatus, non descendens, subtus convexus. Apertura subverticalis, transverse lunato-ovalis. Perist. rectum, acutum, marginibus distantibus, regulariter curvatis; columellari perforationem tegente, sed infra non reflexo. — Diam. maj.  $6\frac{1}{2}$ , min.  $5\frac{1}{2}$ , alt.  $4\frac{1}{2}$  mill. — Rat. anfr. 5:3. — Rat. apert. 4:4.» (M.)

*Nanina Upolensis Mouss.* in Journ. Conch. XIII. 1865. p. 166.  
Habitat Apia, Upolu (Gräffe).

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412. (290.) **oleosa Pfr.** — Ibu Africae. (III. 65.)

413. (291.) **Thwaitesi Pfr.** (Coll. Nr. 157.) Ceylon. (IV. 50.)

414. (292.) **indentata Say.** (Coll. Nr. 158.) *Hyalina indentata* (Hyalina) A<sup>2</sup>. 69. — Amer. bor. (I. 59.)

415. (293.) **infans Pfr.** — *Nanina infans* (Macrochlamys) Mart. Ostas. Zool. II. p. 243.\*) — Borneo. — *H. adnata* Mouss. Coll.: Java. (IV. 54.)

416. (294.) **mediocris Pfr.** — Nova Granada. (IV. 54.)

417. (295.) **hydatina Rossm.** (Coll. Nr. 159.) *H. diaphana* Mlf. —

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\*) «Testa parva, semiobtectate perforata, conoideo-depressa, laevis, nitida, luteo-cornea, subtus albida; spira conica, elatiuscula; anfr. 5, convexiusculi, lente crescentes, sutura marginata; apertura parum obliqua, lunata; peristoma acutum, rectum, *marginē columellari incrassato, albo, valde obliquo, ad insertionem auriculatim reflexo.* — a. Diam. maj. 6, min. 5, alt. 4; apert. long. 3, alt.  $2\frac{1}{2}$  mill. (*H. adnata* Mouss.) — b. Diam. maj. 6, min.  $5\frac{2}{3}$ , alt. 5 mill.» (v. M.)

*Hyalina hydatina* (Hyalina) A<sup>2</sup>. 69. — *Zonites hydatinus* Mort. Et. Zonit. 1862. p. 15. — Italia, Corfu, Smyrna. (I. 58.)

418. (296.) **eudedalaea Bourg.** † — Graecia. (IV. 52.)

419. (297.) **pseudohydatina Bourg.** † — Italia, Lusitania, Gallia. (IV. 52.)

420. (298.) **latebricola Bourg.** † — Graecia. (IV. 52.)

#### 421. **H. vermiculum Lowe.** †

«T. parvula orbiculato-depressa discoidea perforata ecarinata omnino vitrea nitidissima glabra; spira convexiuscula; anfr.  $4\frac{1}{2}$ —5 planiusculis lente v. aequae crescentibus, ad suturam distinctam praesertim leviter v. obsolete striolatis; umbilico minimo cylindrico profundo vix subspirali; apertura transversa depressa oblique lunari; perist. recto simplici acuto. — Diam. maj. 5—6, min.  $4\frac{1}{2}$ — $5\frac{1}{2}$ , alt.  $2\frac{1}{2}$ —3 mill.» (L.)

*Helix vermiculum* (*Crystallus*) Lowe in Ann. and Mag. n. h. 3d. ser. VII. (Febr. 1861.) p. 104.

Habitat sub lapidibus ad villulam «La Dehesa» dictam prope portum Orotavae insulae Teneriffae.

Obs. «Quasi intermedia inter *H. crystallinam* et *cellariam*.

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422. (299.) **crystallina Müll.** (Coll. Nr. 160.) *H. pellucida* Penn., *vitrea* Brown, *eburnea* Htm., *diaphana* Charp. — *Hyalina crystallina* (Hyalina) A<sup>2</sup>. 69. — Bielz Faun. Siebenb. p. 42. — *Zonites crystallinus* Mort. Et. Zonit. 1862. p. 15. — *Hyalinia crystallina* (Vitrea) Mörch Moll. Dan. p. 14. — Conf. *Zonites eustilbus* (Hyalinia) Bourg. — Europa media. (I. 59.)

#### 423. **H. sorella Mousson.** †

«T. puncto-perforata, minuta, suborbiculata, arctissime spirata, griseo-vitrea, striatula, glabra. Spira convexiuscula, regularis; summo satis magno; sutura impressa, tenuiter marginata. Anfr.  $6\frac{1}{2}$ —7, lentissime accrescentes, supra terete-convexiusculi, ultimus non descendens, nec dilatatus, subtus planiusculo-convexus. Apertura anguste lunaris. Perist. rectum acutum, ad perforationem minutam non reflexum. — Diam. maj. 4, min.  $3\frac{1}{2}$ , alt.  $1\frac{1}{2}$  mill. Rat. anfr. 4:1. (?) Rat. apert. 4:3.» (M.)

*Zonites sorella* Mouss. Coq. rec. Schläfli II. 1863. p. 27.

Habitat in Transcaucasia rossica.

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424. (300.) **subterranea Bourg.** † — Gallia. (IV. 53.)

425. (301.) **hyalina Fér.** (Coll. Nr. 161.) *H. diaphana* Stud., *contorta* Held? — *Hyalina hyalina* (Hyalina) A<sup>2</sup>. 69. — *Hyalina vitrea* Bielz Faun. Siebenb. p. 43. — *Zonites hyalinus* Mort. Et. Zonit. 1862. p. 16. — Germaniae, Gallia, etc. (I. 59.)

426. **H. contortula Krynicky. †**

«Differt ab *H. diaphana* Stud. characteribus sequentibus: etsi minor superat illam numero 4—4½ anfractuum; anfractus, superne perparum convexi, planum formant, unde vertex distincte prominet; anfr. ultimus relative non latior quam penultimus.» (Mouss.)

*Helix contortula* Kryn. in Bull. soc. Mosc. IX. p. 168.

— — — Kalenicz. in Bull. Mosc. XXVI. 2. p. 74.

*Zonites contortulus* Mouss. Coq. Schläfli II. p. 26.

Habitat in Caucaso.

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427. (302.) **lucidella Pfr.** — *Nanina lucidella* (Microcystis) A<sup>2</sup>. 49.  
— Luzon. (I. 60.)

428. (303.) **fulvoidea Mor. †** — Ins. Carmen. (III. 66.)

429. (304.) **planiuscula Hutt. †** — *Nanina planiuscula* (Orobis)  
A<sup>2</sup>. 58. — Himalayah. (I. 60.)

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430. (305.) **Capensis Pfr.** (Coll. Nr. 162.) Pella A<sup>2</sup>. 84. — *H. littoricola* Bens. — Prom. bonae spei. (I. 60.)

431. (306.) **Uitenhagensis Krauss.** — Pella A<sup>2</sup>. 84. — Prom. bonae spei. (I. 61.)

432. (307.) **paludicola Bens.** (Coll. Nr. 163.) Pella A<sup>2</sup>. 84. — Prom. bonae spei. (III. 66.)

433. (308.) **australis Menke.** — Nova Hollandia. (I. 61.)

434. (309.) **Darnaudi Pfr.** — Conf. *Helix* (Pella) *Darnaudi* Martens in Malak. XIII. 1866. p. 92. \*) — Sennaar. (IV. 54.)

435. **H. Hodgsoni Blanford. †**

«Testa anguste perforata, globoso-depressa, solidiuscula, radiato-striatula, superne striis minutissimis inconspicuis spirilibus sculpta, subtus nitidula, translucens, sub epidermide caduca, pallide cornea, albida; spira conoidea, apice obtuso, sutura impressa, leviter marginata; anfractibus 5, primis sensim crescentibus convexiusculis, ultimo ad peripheriam compresso convexo, subtus convexiusculo; apertura subobliqua, subquadrato-rotundato-lunari, peristomate tenui, recto, margine columellari subverticaliter descendente, superne reflexo, marginibus callo tenui junctis. — Diam. maj. vix 7, min. 6, axis 4½ mill.» (B.)

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\*) «Testa anguste umbilicata, depresso-turbinata, tenuis, striatula, nitidula, supra pellucide cornea, maculis flammulisque opace isabellinis adspersa, infra isabellina fasciis pellucidis angustis cincta; spira obtusa, brevis; anfr. 4½, convexiusculi, ultimus inflatus, rotundatus, antice non descendens; apertura diagonalis, lunaris; peristoma tenue, acutum, marginibus remotis, columellari ad insertionem triangulatim dilatato. — Diam. maj. 9, min. 7, alt. 6½; apert. long. 5, alt. 5 mill.» (v. M.)



*Helix Hodgsoni* Blanf. mss.; Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr. 1859) p. 267. (Malak. Bl. 1859. p. 21.)

Habitat ad Pankabari, in regione calidiori Terai, Darjiling.

436. **H. rorida Benson. †**

«Testa subperforata, globoso-depressa, tenuissima, minutissime radiato-striatula, polita, pellucida, fusco-cornea; spira depressae conoidea, apice obtuso, sutura impressiuscula, tenuimarginata; anfractibus 4 convexiusculis, ultimo ad peripheriam convexo, subtus convexiusculo; apertura obliqua, subrotundato-lunari, peristomate tenui, recto, margine columellari verticali, arcuato, superne brevissime reflexo, perforationem fere celante. — Diam. maj. 5, min.  $4\frac{1}{2}$ , axis  $2\frac{1}{2}$  mill.» (B.)

*Helix rorida* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr. 1859) p. 266. (Malak. Bl. 1859. p. 21.)

Habitat ad Darjiling, nec non ad collem Sunhul.

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437. (310.) **scorpio Gould. †** — *Orpiella scorpio* H. et A. Adams Gen. II. p. 642. t. 138. f. 6. — *Nanina scorpio* (Orpiella) A<sup>2</sup>. 64. — Ins. Feejee. (I. 431.)

§. 20a.

*Sophina* Bens. (sect. Helicis in Ann. and Mag. n. h. 3d. ser. III. p. 473) genus Helicidarum? Bens. ibid. V. Jan. 1860. p. 46: testa heliciformis; columella callosa, declivis, cum margine basali angulum efformans; angulus rimatus, rima in carina umbilicali spirali desinente; callus parietalis tenuis expansiusculus. Conf. *Albers* Helic. ed. *Mart.* p. 64: sect. *Naninae*. — Descriptio animalis: Bens. in Ann. and Mag. n. h. 3d. ser. XI. 1863. p. 323.

438. **H. schistostelis Benson.**

«Testa perforata, globoso-depressa, tenui, irregulariter striatula, striis confertissimis spiralibus superne decussata, translucida, nitente, pallide cornea; spira brevi, apice elevatiusculo, obtuso, sutura impressa, marginata; anfr.  $4\frac{1}{2}$ — $5\frac{1}{2}$ , superne et infra convexiusculis, ambitu rotundato; apertura subrotundato-lunari, peristomate tenui, recto, acuto, margine columellari subverticaliter descendente, calloso, triangulato-reflexiusculo, cum basali angulum efformante, ad angulum acute et profunde inciso; periomphalo pone rimam oblique compresso vel obtuse carinato. — Diam. maj. 14—16, min. 10— $13\frac{1}{2}$ , axis  $6\frac{1}{2}$ — $8\frac{1}{2}$  mill.» (B. — Coll. Nr. 164.)

*Helix schistostelis* (Sophina) Bens. in Ann. and Mag. n. h. 3d. ser. III. (Jun. 1859.) p. 473.

*Sophina schistostelis* Bens. ibid. V. (Jan. 1860) p. 27.

*Nanina schistostelis* (Sophina) Alb. Helic. ed. Mart. p. 64.

Habitat prope Moulmein.

#### 439. **H. Calias Benson.**

«Testa anguste umbilicata, orbiculato-depressa, solidiuscula, oblique striatula, polita, pallide cornea; spira planata, apice saliente, obtuso, sutura marginata, canaliculata; anfractibus 5 subconvexis, sensim accrescentibus, ultimo ad ambitum rotundato, subtus convexiusculo; apertura lunata, obliqua, peristomate recto, acuto, margine columellari oblique recurvatim descendente, calloso, extus crenulato, cum basali angulum fere rectum, arcte rimatum, efformante, rima extremitatem carinae umbilicalis, sensim spiraliter intrantis, incidente; umbilici perspectivi pariete intus horizontaliter confertim sulcato. — Diam. maj. 9, min.  $7\frac{1}{2}$ , axis 4 mill.» (B. — Coll. Nr. 165. Spec. imperfectum.)

*Helix Calias* (Sophina) Bens. in Ann. and Mag. n. h. 3d. ser. III. p. 473.

*Sophina Calias* Bens. ibid. V. p. 26. (Char. emend.)

*Nanina Calias* (Sophina) Alb. Helic. ed. Mart. p. 64.

Habitat prope Moulmein, ad cavernas «Farm Caves» dictas.

#### 440. **H. forabilis Benson. †**

«Testa subanguste et profunde umbilicata, conoideo-semiglobosa, tenui, oblique striatula, spiraliter confertissime striata, cornea; spira depresso-conoidea, apice elevatiusculo, obtuso, sutura impressa; anfractibus 6 convexiusculis, ultimo non descendente, ad ambitum rotundato, circa umbilicum perspectivum intus spiraliter striatum carinato, carina spirali, intrante; apertura obliqua, rotundato-lunata, peristomate recto, acuto, margine columellari oblique recurvatim descendente, crassiusculo, subcrenulato, cum basali angulum fere rectum, arcte rimatum, efformante, rima extremitatem carinae umbilicalis incidente. — Diam. maj. 6—8, min.  $5\frac{1}{2}$ —7, axis 3—4 mill.» (B.)

*Helix forabilis* Bens. in Ann. and Mag. n. h. 3d. ser. III. (May 1859.) p. 389.

*Sophina forabilis* Bens. ibid. V. p. 27. (Char. emend.)

*Nanina forabilis* (Sophina) Alb. Helic. ed. Mart. p. 64.

Habitat in valle Tenasserim, prope Moulmein.

## §. 24.

441. (311.) **rapa Müll.** (Coll. Nr. 166?) *Nanina rapa* (Rhysota) A<sup>2</sup>. 54. — Amboina teste Beck. (I. 62.)  
 442. (312.) **sagittifera Pfr.** (Coll. Nr. 167.) *Nanina sagittifera* (Rhysota) A<sup>2</sup>. 54. — Ins. Philippin. — β. *H. hepatica* Reeve. (I. 62.)  
 443. (313.) **mumia Jacq. †** — Habitat? (IV. 54.)  
 444. (314.) **Maderaspata Gray.** (Coll. Nr. 168.) *H. Korékouké Fér., Pondicheriensis Pfr.* — *Nanina maderaspata* (Xesta) A<sup>2</sup>. 50. — India orientalis. (I. 63.)  
 445. (315.) **corylus Reeve. †** — Ceylon. (IV. 55.)  
 446. (316.) **laevigata Rafin.** (Coll. Nr. 169.) *H. lucubrata Binn.?* Conf. *Binn. Terr. Moll.* IV. p. 108. — *Bland* in *Ann. Lyc. N.-York* VII. 1860. p. 120. (Synon. *H. inornata Say.*) — *Hyalina laevigata* (Mesomphix) A<sup>2</sup>. 71. — Amer. bor. (I. 64.)  
 447. (317.) **subopaca Pfr.** — *Nanina subopaca* (Orobia) A<sup>2</sup>. 58. — Ceylon. (IV. 55.)

448. **H. ornātissima Benson. †**

«Testa aperte perforata, subconoideo-depressa, superne oblique confertim et arcuatim costulato-striata, subtus laevigata, polita, obsolete radiato-striata, luteo-cornea, infra pallidior; spira depresso-conoidea, lateribus plantulatis, apice obtuso, sutura impressa submarginata; anfractibus 7 arcte et lente accrescentibus, convexiusculis, ultimo superne angulato, angulo ad marginem aperturae obsoleto, antice vix descendente, subtus convexo; apertura obliqua, transversim lunata, peristomate recto, intus vix labiato, margine basali arcuato, antrorsum leviter projecto, breviter expansiusculo. — Diam. maj. 16, min. 14, axis 8 mill.» (B.)

*Helix ornatissima* Bens. in *Ann. and Mag. n. h.* 3d. ser. III. (Apr. 1859) p. 269. (Malak. Bl. 1859. p. 22.)

Habitat ad Pankabari (1000 ped. alt.) prope Darjiling.

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449. (318.) **partita Pfr.** — Ceylon. (IV. 55.)  
 450. (319.) **marcida Bens.** — Ceylon. (IV. 56.)  
 451. (320.) **euclasta Shuttl.** (Coll. Nr. 170.) *Pfr.* in *Malak. Bl.* V. 1858. p. 181: Cuba. — *H. Swifti Pfr.* olim. — St. Thomas, Portorico. (IV. 56.)  
 452. (321.) **subconoidea Pfr.** — Ceylon. (IV. 56.)  
 453. (322.) **Newcombi Pfr.** (Coll. Nr. 171.) Ins. Sandwich. (IV. 57.)  
 454. (323.) **cruentata Guild.** — *Stenopus cruentus* A<sup>2</sup>. 65. — Ins. St. Vincentii. (I. 65.)  
 455. (324.) **acnea Krauss.** (Coll. Nr. 172.) Pella A<sup>2</sup>. 81. — Natal. (III. 68.)

456. **H. Patane Benson. †**

«Testa perforata, subconoideo-depressa, tenui, fragili, radiatim rugoso-striatula, nitidula, diaphana, lutescente-cornea;

spira depresso-conoidea, apice nitido, hyalino, obtuso, sutura impressa; anfractibus 5 convexiusculis, lente accrescentibus, ultimo antice leviter descendente, ad peripheriam rotundato-compresso, subtus convexiusculo, ad periomphalum excavato; apertura obliqua, transverse lunata, peristomate tenui, acuto, margine basali arcuato, columellari breviter expanso. — Diam. maj. vix 9, min. 8, axis 4 mill.» (B.)

*Helix Patane* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr. 1859.) p. 270. (Malak. Bl. 1859. p. 22.)

Habitat ad Darjiling, rarissime.

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457. (325.) **dimorpha** Pfr. — Charopa A<sup>2</sup>. 88. — Nova Seelandia. (III. 68.)

458. (326.) **nitidopsis** Mor. † — Guatemala. (III. 68.)

459. (327.) **hypopolia** Pfr. (Coll. Nr. 173.) Charopa A<sup>2</sup>. 88. — Nova Seelandia. (III. 68.)

460. (328.) **revelata** Fér. (Coll. Nr. 174.) *H. badiella* Zgl.? — Gallia. (I. 65.)

461. (329.) **marmorella** Pfr. (Coll. Nr. 175.) Amphidoxa A<sup>2</sup>. 82. — Ins. Juan Fernandez. (I. 66.)

462. (330.) **helicophantoides** Pfr. (Coll. Nr. 176.) Amphidoxa A<sup>2</sup>. 82. — Ins. Juan Fernandez. (I. 66.)

463. (331.) **sericatula** Pfr. (Coll. Nr. 177.) Charopa A<sup>2</sup>. 88. — Port-Jackson. (III. 69.)

#### 464. **H. nautiloidea** Cox. †

«*H. testa* obtecte perforata, orbiculari, depressa, regulariter costulata, epidermide rufo-cornea induta; spira planata, sutura impressa; anfractibus 4½, convexiusculis, ultimo tumido, supra ad suturam convexo, et ad os leviter planulato; apertura obliqua, lunato-ovata, intus margaritacea, margine externo supra subsinuato columellarique umbilicum demum obtegente, peristomate simplici. — Diam. maj. 0,23, min. 0,19, alt. 0,12 unc.» (C.)

*Helix nautiloidea* Cox in (Proc. Zool. Soc. 1865. p. 696: *nautiloides*) Journ. Conch. XIV. 1866. p. 47.

Habitat «Clarence River, New-South-Wales» (Macgillivray).

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465. (332.) **iota** Pfr. (Coll. Nr. 178.) Charopa A<sup>2</sup>. 88. — *H. pilula* Reeve. — Nova Seelandia. (III. 69.)

#### §. 22.

466. (333.) **Borneensis** Pfr. (Coll. Nr. 179.) *Nanina borneensis* (Rhy-sota) A<sup>2</sup>. 54. — Mart. Ostas. Zool. II. p. 238. ?\*) — Borneo. (III. 70.)

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\*) «Testa subobtecte perforata, inflato-depressa, striis incrementi distinctis saepius rugaeformibus et lineis spiralibus subdistantibus leviter

467. **H. dvitija O. Semper. †**

« Testa subperforata, depressa, solida, epidermide nitida, fusco-brunnea, et ad suturas et in basi viridescente induta, striis remotis concentricis et striis incrementi retroflexis, nec non rugulis irregulariter cicatricosis, densis sculpta; spira obtusa, depressa; sutura pliculosa, anfractuum superiorum vix impressa, penultimi et ultimi profunde impressa; anfr. 4, superi subconvexi, penultimus et ultimus convexi, omnes regulariter crescentes, ultimus non descendens, ad peripheriam regulariter rotundatus, centrum baseos versus subdepressus; apertura ampla, fere horizontalis, non declivis, intus margaritacea; peristoma intus undique aequaliter incrassatum, extus fascia angusta nigra circumdatum, margine supero producto, recto, late rotundato, columellari curto, subdentato, reflexo, perforationem fere occultante. — Diam. maj. 44, min. 37, alt. 26 mill.» (S.)

*Nanina dvitija O. Semper* in Journ. Conch. XIV. 1866. p. 263.  
t. 8. f. 3.

Habitat ad pedem montis Datta insulae Luzon (Dr. O. Semper).

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468. (334.) **monozonalis Lam.** — *Nanina monozonalis* (Xesta) A<sup>2</sup>.  
51. — Mart. Ostas. Zool. II. p. 236. — Amboina. (I. 72.)

469. **H. obliquata Reeve. †**

« Testa perforata, subconoideo-depressa, solida, striata, in anfractu ultimo lineis spiralibus impressis irregularibus non confertis fenestratim decussata, impressionibus mallearibus rotundis sparsa, flavido-alba, fascia peripherica sat angusta obscure castanea; spira convexo-conica, brevis; sutura appressa, crenulato-striatula; anfr. 5½, sat convexi, ultimus prorsus rotundatus, antice non deflexus; apertura parum obliqua, lunato-elliptica; peristoma rectum, obtusum, margine columellari perobliquo, ad insertionem breviter et canaliculatim reflexo. — Diam. maj. 54½, min. 44, alt. 35; apert. long. 33, alt. 27 mill. — Diam. maj. 54, min. 38, alt. 33; apert. long. 30, alt. 25½ mill.» (v. M.)

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clathratula, fulvo-castanea, fascia unica subperipherica parum distincta; spira breviter convexa; anfr. 4½, convexi, sutura impressa, simplice discreti, superiores angulati, ultimus rotundatus, infra inflatus, antice paulum descendens; apertura valde obliqua, lunato-semielliptica, intus lacteo-coerulescens; peristoma rectum, obtusum, margine columellari stricto, ad insertionem in effusionem subcanaliformem umbilicum fere plane tegentem reflexo. — Diam. maj. 67, min. 50, alt. 38; apert. long. 38, lat. 28 mill.» (v. M.)



*Helix obliquata* Reeve Conch. icon. sp. 384. t. 74.

— *citrina* var. Chemn. ed. II. t. 24. f. 1. 2.

*Nanina Teysmanni* Mouss. in coll.

— *obliquata* Mart. Ostas. Zool. II. p. 235.

Habitat Sumatra, Borneo?

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470. (335.) **Sowerbyana** Pfr. (Coll. Nr. 180.) *H. Hogoleuensis* Guill., *pachistoma* Jacq. — *Nanina Sowerbyana* (Rhysota) A<sup>2</sup>. 54. — Ins. Carolin. (I. 68.)

471. (336.) **Nouleti** Guill. (Coll. Nr. 181.) *H. rubricata* Gould, *inornata* Hombr. et Jacq. — *Nanina Nouleti* (Trochomorpha) A<sup>2</sup>. 60 et *H. inornata* (Hadra) A<sup>2</sup>. 165? — Ins. Feejee. (I. 69. IV. 58.)

472. (337.) **Grateloupi** Pfr. (Coll. Nr. 182.) *H. rufescens* Grat. — *Nanina Grateloupi* (Xesta) A<sup>2</sup>. 51. — Madagascar? (Grat.) (I. 69.) (338.) *naninoides* Bens. vid. Nr. 509 in §. 24.

473. (339.) **textrina** Bens. — *Nanina textrina* (Hemiplecta) Mart. Ostas. Zool. II. p. 71. — Birmania. (IV. 58.)

474. (340.) **Theodori** Phil. (Coll. Nr. 183.) *Nanina Theodori* (Hemiplecta) A<sup>2</sup>. 53. — Birmania. (I. 70.)

475. (341.) **Sophiae** Gask. (Coll. Nr. 184.) *Nanina Sophiae* (Hemiplecta) A<sup>2</sup>. 53. — Lord Howe's Island. (IV. 59.)

476. (342.) **bistrialis** Beck. (Coll. Nr. 185.) *H. exilis* Chemn., *diaphana* Lea. — *Nanina bistrialis* (Hemiplecta) A<sup>2</sup>. 53. — Tranquebar. (I. 71.)

477. (343.) **Ceylanica** Pfr. (Coll. Nr. 186.) *Nanina ceylanica* (Hemiplecta) A<sup>2</sup>. 53. — Ceylon. (III. 71.)

#### 478. **H. Taprobanensis** Dohrn. †

«T. perforata, conoideo-depressa, solidula, superne striis incrementi distinctissime ornata, sub lente minutissime decusata, oleoso-micans; subtus laevis, nitida; vix diaphana, pallide fusco-cornea; spira convexo-conoidea; anfr. 4 convexiusculi, mediocriter accrescentes, ultimus medio fascia rufa cinctus, obtuse angulatus; apertura obliqua, ampla, rhombeo-ovata; peristomium simplex, rectum, obtusum, margine columellari incrassato, circa perforationem protracto. — Diam. maj. 30, min. 24, alt. 18 mill.» (D.)

*Nanina Taprobanensis* Dohrn in Malak. Bl. VI. 1859. p. 206.

Habitat in insula Ceylon (Nietner).

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479. (344.) **semipartita** Desh. — *Nanina ceylanica* var.? A<sup>2</sup>. 53. — Habitat? (III. 71.)

#### 480. **H. Mouhoti** Pfr.

T. perforata, orbiculato-depressa, tenuiuscula, minute costulato-striata et superne lineis spiralibus impressis decusata, superne pallide cinnamomea, basi nitida, corneo-albida;



spira convexa; sutura rufulo-marginata; anfr. 6 convexiusculi, lente accrescentes, ultimus non descendens, subtus convexior; apertura obliqua, lunaris; perist. simplex, rectum, margine columellari leviter arcuato, ad perforationem apertam triangulatim reflexo. — Diam. maj. 26, min. 23, alt. 14 mill. (Mus. Cuming.)

β. Major; diam. maj. 35, min 34½, alt. 17 mill.

*Helix Mouhoti* Pfr. in Proc. Zool. Soc. 1860. p. 36. t. 50.

f. 5. (Malak. Bl. VII. p. 232.)

*Nanina Siamensis* var. Mart. Ostas. Zool. II. p. 71.

Habitat Siam (Mouhot).

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481. (345.) **vitellina** Pfr. — *Nanina vitellina* (Xesta) A<sup>2</sup>. 51. —  
*Ariophanta vitellina* Mörch in Journ. Conch. XIII. p. 379. —  
Mont. Nilgherries. (III. 72.)

482. (346.) **ligulata** Fér. (Coll. Nr. 187.) *Nanina ligulata* (Xesta) A<sup>2</sup>.  
50. — Bengalia. (I. 71.)

#### 483. **H. renitens** Morelet. †

«T. subperforata, orbiculato-convexa, tenuis, fragilis, translucida, nitidissima, fulvida, tenere striata et sub lente exilissime spiraliter impressa; spira parum elevata, obtuse conoidea; anfr. 5 parum convexi, sutura violaceo-marginata discreti; apertura obliqua, lunari-ovalis, intus margaritacea; peristoma simplex, rectum, tenue, margine columellari juxta perforationem strictissime reflexiusculo. — Diam. maj. 22, min. 20, alt. 10½ mill.» (M.)

*Helix renitens* Mor. in Journ. Conch. IX. 1861. p. 45.

Habitat in insula Mayotte Comorensium.

#### 484. **H. Choinix** Benson. †

«H. testa perforata, vix conoideo-depressa, tenui, oblique striatula, striis exilissimis spiralibus confertissime decussata, superne fusco-cornea, subtus pallidiore, translucida; spira subconoideo-planulata, apice vix elevato, obtuso, sutura leviter impressa, submarginata; anfractibus 6, vix convexiusculis, superioribus arctius convolutis, ultimo majore, ad peripheriam superne subangulato-rotundato, subtus convexiusculo; apertura obliqua, magna, late lunata; peristomate tenui, acuto, margine dextro superne arcuatim prominente, columellari prope umbilicum breviter dilatato. — Diam. maj. 17, min. 14½, axis 8 mill.; apert. 9½ mill. lata, 8 longa.» (B.)

*Helix Choinix* Bens. in Ann. and Mag. n. h. 3d. ser. VII. (Febr. 1861.) p. 83.

Habitat in insulis Andamanicis.

485. **H. sequax Benson.** †

« Testa perforata, subconoideo-depressa, fere tenui, oblique striatula, sub lente confertissime spiraliter obsolete striata, nitida, diaphana, livide olivaceo-cornea; spira depresso-conoidea, lateribus convexiusculis, apice obtuso, sutura impressa, subcanaliculato-marginata; anfractibus  $5\frac{1}{2}$  convexiusculis, sensim accrescentibus, ultimo antice (aetate) vix descendente, ad peripheriam compresse rotundato, subtus convexiusculo, medio excavato; apertura obliqua, transversim lunata; peristomate tenui, recto, margine basali arcuato, columellari breviter reflexo. — Diam. maj. 48, min. 45, axis 7 mill.» (B.)

*Helix sequax* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr. 1859) p. 270. (Malak. Bl. 1859. p. 23.)

Habitat ad Darjiling et in valle Rungun.

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486. (347.) **bisculpta** Bens. — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 72.)

487. **H. Causia Benson.** †

« Testa perforata, conoideo-depressa, solidula, oblique striatula, striis minutissimis confertissimis spiralibus sub lente signata, nitidula, fulvescenti-cornea, subtus pallidiori; spira conoidea, sutura impressa, submarginata, apice obtuso, hyalino; anfractibus 5 convexiusculis, ultimo ad peripheriam valde rotundato; apertura obliqua, subrotundato-lunari, peristomate acuto, recto, margine columellari breviter expanso-reflexo. — Diam. maj. 7, min. 6, axis 4 mill.» (B.)

*Helix Causia* Bens. in Ann. and Mag. n. h. 3d. ser. III. (May 1859) p. 388.

Habitat ad Phie Thán vallis Tenasserim.

488. **H. Bourguignatiana Mabilie et Le Mesle.** †

« Testa obtecte perforata, subgloboso-depressa, pellucida, nitida, cornea, supra convexa, subtus planulata, striatula; striis longitudinalibus subobsoletis et transversis impressa; anfractibus 6, regulariter crescentibus, convexiusculis; ultimo magno, rotundato; apertura obliqua, subrotunda; peristomate acuto, recto, simplice. — Diam. maj. 6, min. 5, alt. 3 mill.» (M.)

*Zonites Bourguignatianus* Mabilie et Le Mesle in Journ. Conch. XIV. 1866. p. 126. t. 7. f. 6.

Habitat in Cambodja (Le Mesle).

489. **H. pauxillula Benson.** †

«Testa minute perforata, depressa, striatula, striis confertis minutissimis spiralibus utrinque ornata, diaphana, nitente, pallide cornea; spira convexiuscula, apice obtuso, sutura profundiuscula; anfractibus 4 sensim crescentibus, convexiusculis, ultimo subtus convexo; apertura obliqua, sublata lunari, peristomate recto, acuto, margine columellari arcuatim descendente, superne expanso; periomphalo excavato. — Diam. maj. 2, min.  $1\frac{1}{2}$ , axis  $\frac{2}{3}$  mill.» (B.)

*Helix pauxillula* Bens. in Ann. and Mag. n. h. 3d. ser. III.  
(May 1859) p. 390.

Habitat ad Thyet Mio.

## §. 23.

490. (348.) **gummata Sow.** (Coll. Nr. 188.) *H. luteofasciata* Lea. — *Nanina gummata* (Hemiplecta) A<sup>2</sup>. 52. — Luzon. (I. 73.)

491. (349.) **xanthotricha Pfr.** (Coll. Nr. 189.) *H. velutina* Sow. — *Nanina xanthotricha* (Hemiplecta) A<sup>2</sup>. 52. — Ins. Philippin. (I. 74.)

492. **H. Tagalensis Dohrn.**

T. subobtecte perforata, depresse conoideo-globosa, solidula, superne dense granulata et pilis brevissimis aureis obsita, fulvida; spira breviter conoidea, vertice minuto; anfr. 6 modice convexi, regulariter accrescentes, ultimus rotundatus, non descendens, peripheria late castaneo-zonatus, basi laevigatus, nitidus, fascia latiore vel angustiore castanea ornatus; apertura vix obliqua, regulariter lunaris; perist. simplex, rectum, margine columellari subincrassato, perforationem fere claudente. — Diam. maj. 34, min. 28, alt. 49 mill. (Coll. Nr. 190.)

β. Anfractu ultimo basi solum unifasciato.

*Helix xanthotrichae affinis* Pfr. Novit. conch. Fasc. XIX.  
p. 222. Nr. 325. t. 58. f. 14—16.

*Nanina Tagalensis* Dohrn ibid. p. 223.

Habitat in parte septentrionali insulae Luzon (Dr. C. Semper).

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493. (350.) **Mörchi Pfr.** (Coll. Nr. 191.) *Nanina Mörchi* (Hemiplecta) A<sup>2</sup>. 52. — Ins. Philippin. (III. 73.)

494. **H. parcipila Martens.** †

«Testa anguste perforata, globoso-depressa, striatula, supra pilis raris brevibus obsita, infra nitida, cereo-albida, fascia unica lata fusca; spira convexa, obtusa; anfr.  $4\frac{1}{2}$ , subplani, sutura appressa, opace alba conjuncti, ultimus obtuse angulatus,

basi convexus, antice haud descendens; apertura diagonalis, lunato-rotundata; peristoma simplex, acutum, margine columellari breviter reflexo. — Diam. maj. 30, min.  $23\frac{1}{2}$ , alt. 20; apert. long.  $17\frac{1}{2}$ , lat.  $16\frac{1}{2}$  mill.» (v. M.)

*Nanina parcipila* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864.  
p. 264; (Xesta) Ostas. Zool. II. p. 192.  
t. 9. f. 1.

Habitat in insula Adenare Moluccarum.

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495. (351.) **Siamensis Pfr.** — *Nanina Siamensis* (Hemiplecta) Mart. Ostas. Zool. II. p. 71. \*) t. 6. f. 6. Conf. *H. Mouhoti* Pfr. (IV. 60.)  
496. (352.) **setigera Sow.** (Coll. Nr. 192.) *Nanina setigera* (Hemiplecta) A<sup>2</sup>. 52. — Luzon. (I. 74.)  
497. (353.) **sigmoides Mor.** † — Vera-Paz. (III. 73.)  
498. (354.) **pubescens Pfr.** (Coll. Nr. 193.) Haiti. (III. 74.)  
499. (355.) **Planti Pfr.** (Coll. Nr. 194.) Pella A<sup>2</sup>. 84. — Natal. (IV. 60.)

## §. 24.

### 500. **H. Basileus Benson.**

«H. testa subanguste umbilicata, orbiculato-subconvexa, irregulariter striatula, prope suturam plicatula, sulcis nonnullis spiralibus obsoletis, subtus confertioribus, rugisque obliquis sculpta, sub epidermide decidua albida, apicem versus rubente, infra peripheriam fascia lata caerulescenti-nigro-castanea margine peripherico saturate castanea ornata; epidermide superne fusco-cornea, subtus viridescente, umbilicum versus luteo-fulva; spira convexiuscula parum elevata, apice planulato, valde obtuso, sutura lineari, antice parum impressa; anfractibus 5, sensim accrescentibus, subplanulatis, ultimo antice dilatato, depresso, non descendente, ad peripheriam subcarinato, carina demum evanescente, subtus convexo, antice subinflato, periom-

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\*) «Testa perforata, convexe-orbiculata, tenuiuscula, superne minute costulato-striata et lineis impressis spiralibus sat numerosis granulatim decussata, pallide cinnamomea, subtus radiatim striatula, nitida, corneo-flavescens, fascia peripherica unica rufa, sutura violascente, submarginata; anfr. 6 —  $6\frac{1}{2}$ , convexiusculi, lente accrescentes, ultimus rotundatus, vix descendens; apertura parum obliqua, inaequilatero-lunata; peristoma simplex, rectum, margine columellari ad insertionem brevissime reflexiusculo.

Diam. maj. 35, min.  $29\frac{1}{2}$ , alt. 24; apert. long. 18, alt. 15 mill.

— — 35, — 30, —  $19\frac{1}{2}$ ; — —  $19\frac{1}{2}$ , —  $14\frac{1}{2}$  —

— — 29, — 25, —  $16\frac{1}{2}$ ; — — 15, —  $13\frac{1}{2}$  —

— — 31, — 28, — 20; — — 16, — 14 —

β. Tota albida anfr. ultimo paulo magis rotundo: *N. Hainesi* (non Pfr.) Mart. in Proc. Zool. Soc. 1860. p. 7. — Diam. maj. 26, min. 22, alt. 15; apert. long.  $13\frac{1}{2}$ , alt. 12 mill.» (v. M.)

phalo prope marginem columellarem compresso, subito excavato; apertura obliqua, subovato-lunata, intus superne pallide castanea, fascia angusta mediana basaliq̄ue lata albidis, fascia latissima purpurascēte interposita, margine albida; peristomate tenui, acuto; margine columellari expansiusculo, superne triangulatim reflexo, umbilicum partim tegente. — Diam. maj. 72, min. 62, axis 36 mill.; ap. 38 mill. lata, 34 alta.» (B.)

*Helix Basileus Bens.* in Ann. and Mag. n. h. 3d. ser. VII. (Febr. 1864) p. 84. *Conf.* Bens. ibid. (Jun. 1864) XIII. p. 497.

— *titanica Pfr.* in Proc. Zool. Soc. 1862. p. 117.\*) t. 12. f. 3. Habitat Trichoor «Annamullay Hills» Indiae meridionalis (Cox).

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501. (356.) **nobilis Pfr.** — *Nanina nobilis* (Hemiplecta) A<sup>2</sup>. 52. — Borneo. — Excludatur var.: *H. obliquata Reeve.* (III. 69.)

502. (357.) **arguta Pfr.** — *Nanina arguta* (Hemiplecta) Mart. Ostas. Zool. II. p. 249.\*\*\*) — Sumatra, Rakata, Java. (IV. 61.)

### 503. **H. Herklotsiana Dohrn.** †

«T. umbilicata, convexo-depressa, tenuiuscula, sub epidermide cornea fusca vel lutea, fascia una pallida supra lineam medianam nigricantem, altera latissima circa umbilicum alba, superne confertim oblique, raro spiraliter striata; spira depresso-conoidea; sutura impressa, rufomarginata; anfr. 5½ convexiusculi, lente accrescentes, ultimus rotundatus, subangulatus; apertura rhombeo-ovalis; peristomium simplex, rectum, circa umbilicum protractum. — Diam. maj. 38, min. 34, alt. 22 mill.» (D.)

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\*) «T. angustissime umbilicata, conoideo-depressa, solidula, lineis impressis spiralibus et irregularibus obliquis sculpta, sub epidermide pallide virenti-lutea albida; spira conoideo-convexa, vertice minuto, obtuso; anfr. 5½ vix convexiusculi, priores subcarnei, ultimus non descendens, ad suturam crenulatus, medio obtuse carinatus et fascia latiuscula spadicēa, deorsum diluta, notatus, subtus inflatus; apertura obliqua, ovalilunaris; perist. rectum, marginibus distantibus, columellari vix incrassato, ad insertionem in laminam brevem triangularem revoluta. — Diam. maj. 68, min. 57, alt. 38 mill.» (Pfr. l. c. ex Mus. Cuming.)

\*\*) «Testa subconoideo-depressa, perforata, carinata, superne strias chordaeformes elatas subinde dichotomas, interstitiis subduplo latioribus separatas exhibens, cinnamomea, infra nitida, striatula, lineis spiralibus aegre vel non conspicuis, albida, versus carinam castanea, fascia umbilicari distincta castanea; anfr. 6, subplani, ultimus supra et infra subaequaliter convexus; apertura securiformi-lunata, parum obliqua; peristoma rectum, obtusum, margine basali flexuoso, columellari ad insertionem breviter reflexo. — Diam. maj. 29—32, min. 24—25⅔, alt. 15—17; apert. long. 15—16⅔, lat. 12½—13 mill.» (v. M.)

*Nanina Herklotsiana* Dohrn in Malak. Bl. VI. 1859. p. 206.

Habitat in insula Java?

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504. (358.) **Mülleri Pfr.** (Coll. Nr. 195.) *Nanina Mülleri* (Rhysota) *A*<sup>2</sup>. 54. — Ins. Philippin. (I. 67.)

505. (359.) **bulli Pfr.** (Coll. Nr. 196.) *H. vesica* Pfr. olim. — *Nanina bulla* (Hemiplecta) *A*<sup>2</sup>. 53. — Luzon. (I. 68.)

506. (360.) **Chenui Pfr.** (Coll. Nr. 197.) *Nanina Chenui* (Hemiplecta) *A*<sup>2</sup>. 53. — Ceylon? (I. 438.)

507. **H. Sisparica W. Blanford.** †

T. aperte perforata, subumbilicata, depressa, tenuiuscula, striata, sub epidermide lutescenti-fusca, suboleoso-micante alba. Spira convexa, apice obtuso, sutura plana, lineari, submarginata. Anfr. 4, superne planato-convexi, apicalis subtilissime decussatim plicatulo-striatus, ultimus non distincte descendens, supra peripheriam obtuse angulatus, subtus convexus. Apertura obliqua, semiovato-lunata, intus alba, margaritacea, latior quam alta; perist. tenue, marginibus distantibus, callo tenui junctis, columellari perobliquo, ad perforationem triangulariter reflexo. — Diam. maj. 37, min. 34, alt. 18 mill.» (Bl. angl.)

*Nanina* (Hemiplecta?) *Sisparica* W. T. Blanf. Contrib. to Ind. Malac. VI. 1866. p. 4.

Habitat «Sispara ghit, Nilgiri hills» Indiae meridionalis.

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508. (361.) **Hainesi Pfr.** (Coll. Nr. 198.) *Nanina Hainesi* (Orobis) Mart. Ostas. Zool. II. p. 73. — Siam. (IV. 61.)

509. (338.) **naninoides Bens.** (Coll. Nr. 199.) *Nanina striata* Gray 1834 (*H. striata* Pfr. Mon. I. p. 55). — Mart. Ostas. Zool. II. p. 228. \*) — *Helix orientalis* Reeve t. 78. f. 409. Non Gray. — *H. Isabella* Hombr. et Jacq., Pfr. Mon. IV. p. 28? — *Nanina naninoides* (Xesta) *A*<sup>2</sup>. 51. — *Hemiplecta naninoides* Wallace in Proc. Zool. Soc. 1865. p. 406. — Singapore, Chusan. (I. 70; IV. 58.)

510. (362.) **Baudini Desh.** † — Nova Guinea. (I. 55.)

511. (363.) **Himalayana Lea.** (Coll. Nr. 200.) *Nanina himalayana* (Ariophanta) *A*<sup>2</sup>. 55. — Himalayah. (I. 63.)

512. (364.) **interrupta Bens.** (Coll. Nr. 201.) Ind. or. (I. 63.)

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\*) «Testa perforata, orbiculato-convexa, solidiuscula, supra distincte et confertim striata, lineis spiralibus rariusculis subdecussata, pallide castanea vel fulvo-flavescens, infra striatula, albida, nitida; spira depresso-conoidea; anfr. 6, convexiusculi, ultimus subangulatus, antice paulisper descendens; apertura diagonalis, pro ratione generis parva, lunato-semi-elliptica; peristoma rectum, obtusum, sat crassum, margine basali et columellari stricto fere horizontali, ad insertionem brevissime reflexiusculo. — Diam. maj. 24—28, min. 20 1/2—23 1/2, alt. 15—18; apert. long. 13—15 1/2, lat. 10—11 1/2 mill.» (v. M.)



513. **H. Cyclotrema Benson. †**

«H. testa sinistrorsa, obtecte umbilicata, conoideo-subglobosa, oblique striatula, granulata, sub epidermide cornea, albida; spira conoidea, apice obtuso, subfoveato, suturis impressis; anfractibus  $4\frac{1}{2}$ , convexis, gradatim crescentibus, ultimo ad peripheriam obtuse angulato, unifasciato, antice lato, longe descendente, subtus convexo; apertura valde obliqua, rotundata, peristomate dilatato, reflexiusculo, marginibus conniventibus, approximatis, callo brevi junctis, columellari late auriculato umbilicum celante. — Diam. maj. 22, min. 18, axis 11 mill.» (B.)

*Helix Cyclotrema Bens.* in Ann. and Mag. n. h. (Febr. 1863.)  
3d. ser. XI. p. 88.

Habitat in regione Himalayana (W. Theobald).

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514. (365.) **umbilicaria Guill.** (Coll. Nr. 202.) *Nanina umbilicaria* (Xesta) A<sup>2</sup>. 51. — *Mart. Ostas. Zool. II. p. 214.\**) — *Helix javanica* Pfr. Mon. I. p. 64, *Chemn. ed. II. t. 11. f. 12. 13.* — *Reeve t. 76. f. 396.* — *Nanina javanica* Mouss. Moll. Jav. p. 15. t. 1. f. 3. — Sumatra, Rakata, Banka, Java.

515. (366.) **Javanica Lam.** (Coll. Nr. 203.) *Nanina javanica* (Xesta) A<sup>2</sup>. 51. — *Nanina javana* Mart. Ostas. Zool. II. p. 215.\*\* t. 6. f. 5. — *Helix umbilicaria* Pfr. Mon. I. p. 64, *Chemn. ed. II. t. 11. f. 14. 15.* — Java.

\*) «Testa perforata, depresse-conica, superne confertim costulato-striata, lineis spiralibus subtilissimis decussata, inferne nitida, laevigata; pallide cornea, fasciis 2 appropinquatis periphericis, regione umbilicali (et plerumque zona suturali) castaneis; anfr. 6, planiusculi, at sutura sat profunda distincti, ultimus periphæria *distincte angulatus*; apertura diagonalis, lunari-rotundata; peristoma simplex, rectum, obtusum, margine columellari valde obliquo, flexuoso, ad insertionem leviter triangulatim reflexo.

A. *Sumatrana*: major, paulo magis depressa, pallide rufescens, periphæria alba; diam. maj. 32—33, min. 27, alt.  $18\frac{1}{2}$ —19; apert. long. 18, lat. 14 mill.

B. *Sundana*: minor, subelata, isabellina, periphæria albida. (Mouss. fig. cit.); diam. maj.  $27\frac{1}{2}$ —29, min.  $22\frac{1}{2}$ —24, alt. 16—18; apert. long.  $15\frac{1}{2}$ —16, alt. 12—13 mill.

BB. Virescens; forma eadem, virenti-cornea, periphæria virenti-alba (*albicincta* Mouss. in coll.)

C. *Bankana*: minor, elata, pallida (*H. subjavanica* Mouss. in coll.); diam. maj. 27, min. 23, alt. 19; apert. long.  $14\frac{1}{2}$ , alt.  $13\frac{1}{2}$  mill.» (v. M.)

\*\*) «Testa perforata, orbiculato-convexa, modice nitida, irregulariter striata, isabellina (vel alba), zona suturali, fasciis periphericis duabus et regione umbilicali castaneis; anfr. 6— $6\frac{1}{2}$ , *convexiusculi*, ultimus *angulo valde obsoleto rotundatus*, antice non descendens; apertura parum obliqua, lunari-rotundata; peristoma simplex, rectum, obtusum, margine colu-

516. (367.) **Bombayana Grat.** (Coll. Nr. 204.) *H. Belangeri* Reeve. — *Nanina bombayana* (Xesta) A<sup>2</sup>. 50. — Bombay. (III. 76.)

517. **H. infausta W. Blanford.** †

«T. aperte perforata, convexo-depressa, pertenuis, fulvo-cornea, subtiliter oblique striata; spira convexa, apice distincto, sutura vix impressa. Anfr. 6, superne planiusculi, gradatim et regulariter accrescentes, ultimus non descendens, depressus, supra peripheriam obsolete subangulatus, subtus tumidus. Apertura obliqua, lunaris, latior quam alta; perist. tenue, marginibus distantibus, callo pertenui junctis, columellari superne verticali, breviter triangulatim reflexo. — Diam. maj. 23, min. 20, axis  $42\frac{1}{2}$  mill.» (Bl. angl.)

*Nanina (Macrochlamys) infausta* W. T. Blanf. Contrib. to Ind. Malac. VI. 1866. p. 6.

Habitat «Annamullay hills» Indiae meridionalis (Beddome).

518. **H. Bigoti Crosse.** †

«T. vix perforata, depressa, tenuis, nitida, striis obsoletissimis, subdistantibus longitudinaliter impressa, olivaceo-fulva; spira breviter conoidea; sutura submarginata; anfr. 5 vix convexiusculi, sensim accrescentes, ultimus non descendens, circa peripheriam obsoletissime depresso-carinatus, basi leviter convexus; apertura depressa, lata, oblongo-lunaris; perist. simplex, acutum, marginibus distantibus, subconvergentibus, columellari supra perforationem fere omnino tectam brevissime reflexo. — Diam. maj. 23, min. 19, alt. 11 mill.» (Cr.)

*Helix Bigoti* Crosse in Journ. Conch. XV. 1867. p. 210.

Habitat in insulae Mayotte regione interiore.

Obs. «Differt ab *H. troglodyte* Mor., cui valde affinis, colore, numero anfractuum, striis longitudinalibus subdistantibus nec concentrice decussatis, apice non subelevato, perforatione minore, apertura magis oblonga, peristomate minus recto, marginibus paulo magis convergentibus, carina anfractus ultimi mediana obsoletissima et vix conspicua.

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mellari valde obliquo, flexuoso, ad insertionem breviter triangulatim reflexo.

A. Major, depressa, isabellina. (*iodophila* Mouss. in coll.) Diam. 30, min.  $24\frac{1}{2}$ , alt. 16; apert. long.  $16\frac{1}{2}$ , alt.  $13\frac{1}{2}$  mill.

B. Media, minus depressa, isabellina, peripheria albida; diam. maj. 28, min. 24, alt. 16; apert. long. 15, alt. 13 mill.

C. Opaca, minus nitida, ceterum praecedenti similis (*Madurensis* Mouss. in coll.); diam. maj. 27, min.  $21\frac{1}{2}$ , alt. 13; apert. long. 14, alt. 12 mill.

D. Minor, valde depressa, laetius flavescens, peripheria candida: *Soloënsis* Mouss. in coll.» (v. M.)

519. (368.) **rufa Less.** (Coll. Nr. 205.) *Nanina rufa* (Hemiplecta) A<sup>2</sup>.  
53. — Nova Hibernia. (I. 73.)  
520. (369.) **semifusca Desh.** — *Nanina semifusca* (Xesta) A<sup>2</sup>. 54. —  
Ind. or. (IV. 62.)

521. **H. caesia Pfr.**

T. perforata, depressa, tenuis, pellucida, corneo-grisea, superne striatula, parum nitens, sub lente lineis spiralibus sculpta, subtus radiato-striata, nitidior; spira breviter conoidea, vertice subtili; sutura levis; anfr. 6 planiusculi, regulariter accrescentes, ultimus medio subcarinatus, basi convexiusculus; apertura obliqua, late lunaris; perist. simplex, rectum, marginibus remotis, columellari declivi, ad insertionem vix dilatato. — Diam. maj. 17, min. 15½, alt. 8 mill. (Mus. Cuming.)

*Helix caesia* (*Nanina*) Pfr. in Proc. Zool. Soc. 1864. p. 20;  
Novit. conch. Fasc. XV. p. 168. Nr. 266.  
t. 45. f. 14—16.

Habitat in insulis Admiralitatis.

522. **H. regulata Benson. †**

«T. vix perforata, depressa, tenui, oblique obsolete striatula, utroque spiraliter elegantissime acucto-striata, fusco cornea, pellucida, politissima; spira depresso-conoidea, apice obtusiusculo, sutura impressa submarginata; anfract. 3½ convexiusculis, celeriter accrescentibus, ultimo ad peripheriam subangulato, subtus convexiore, antice non descendente; apertura ampla, obliqua, rotundato-lunari, peristomate recto, acuto, margine columellari arcuatim descendente, superne supra perforationem reflexiusculo, marginibus remotis subconniventibus, callo tenui junctis. — Diam. maj. 11, min. 9, axis 6 mill.» (B.)

*Helix regulata* Bens. in Ann. and Mag. n. h. 3d. ser. V. (May 1860.) p. 383.

Habitat prope Matelle insulae Ceylon (F. Layard).

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523. (370.) **honesta Gould.** — *Nanina honesta* (Orobis) A<sup>2</sup>. 58. —  
Birmaniam. (IV. 63.)

524. **H. Ramburiana Mabilie et Le Mesle. †**

«Testa anguste umbilicata, depressa, supra convexa, infra planiuscula, tenuis, glaberrima, solidiuscula, subpellucida, superne nitidula, subtus nitidissima; costato-striata, striis superioribus longitudinalibus, numerosis, flexuosis, lamellosis, inferioribus obsoletis, regulariter impressa; anfractibus 6—7, convexiusculis, regulariter crescentibus; ultimo carinato; sutura

profunda; apertura oblique ovata, subcompressa; peristomate simplice, acuto. — Diam. maj. 10, min. 9, alt. 5 mill.» (M.)

*Zonites Ramburianus* Mab. et *Le Mesle* in Journ. Conch. XIV. 1866. p. 125. t. 7. f. 7.

Habitat Cambodja (Le Mesle).

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525. (371.) **Kotschy Pfr.** — *Xerophila* A<sup>2</sup>. 111. — Persia. (I. 61.)

526. **H. myops Dohrn et Semper.**

T. obtecte et angustissime perforata, convexo-depressa, tenuis, pellucida, nitida, griseo-cornea; spira parum elevata; sutura submarginata; anfr.  $4\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus non descendens, peripheria obsolete angulatus, basi minus convexus; apertura vix obliqua, lunato-ovalis; perist. rectum, acutum, margine columellari reflexo, perforationem subtegente. — Diam. maj. 6, min.  $5\frac{1}{2}$ , alt. 4 mill. (D. — Coll. Nr. 206.)

*Nanina myops* Dohrn et Semp. in Malak. Bl. IX. 1862. p. 206.

*Helix myops* Pfr. Novit. conch. Fasc. XX. p. 224. Nr. 324. t. 58. f. 5—8.

Habitat in insula Mindanao (Dr. C. Semper).

527. **H. deusta Lowe. †**

«T. orbiculato-convexa omnino adulta subgloboso-depressa obtuse carinata subobtectate perforata tenuis fragilis sericeonitens argute crebristriata rufescens fere concolor, aliquando strigellis albidis maculisque fuscis ad suturam carinamque fasciato-tessellatis indistinctis v. obscuris subvariata, subtus laevior immaculata; spira elevatiuscula plus minus depressa apice obtusissima, anfr.  $5-5\frac{1}{2}$  convexis arcte et tenuiter oblique striatis, ultimo haud descendente, carina antice evanida; sutura distinctissima valde impressa; perforatione minima semiaperta labro ad axin reflexo partim oblecta; apertura depressa transverse lunato-ovali duplo fere latiore quam alta; perist. recto simplici tenui acuto ad axin breviter reflexo. — Diam. maj. 8, min.  $7\frac{1}{2}$ , alt.  $5\frac{1}{2}-6$  mill.» (L.)

*Helix deusta* (*Hispidella*) Lowe in Ann. and Mag. n. h. 3d. ser. VII. (1864) p. 106.

Habitat in insula Palma Canariensium.

Obs. «*H. oleacea* Shuttl. ex parte. An var. *H. phaleratae* Webb?»

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528. (372.) **Pompylia Shuttl.** — *Janulus* A<sup>2</sup>. 89. — Ins. Canar. (IV. 63.)

## §. 25.

529. (373.) **Rumphi V. d. Busch.** (Coll. Nr. 207.) *Nanina Rumphi* (Ariophanta) A<sup>2</sup>. 55. — *Mart. Ostas. Zool. II. p. 220.\**) — Java. (I. 76.)
530. (373 a.) **clypeus Mouss. †** — *Pfr. Mon. IV. p. 344.* — *Nanina clypeus Mouss.* — *Mart. Ostas. Zool. II. p. 227.\*\**) — Java.
531. (374.) **retrorsa Gould.** (Coll. Nr. 208.) *Nanina retrorsa* (Ariophanta) A<sup>2</sup>. 55. — *Ariophanta retrorsa Gray, Mörch in Journ. Conch. XIII. p. 379.* — Birmania. (I. 76.)
532. (375.) **foveata Pfr.** — India or. (IV. 63.)
533. (376.) **laevipes Müll.** (Coll. Nr. 209.) *H. spadicea Gmel.* — *Nanina laevipes* (Ariophanta) A<sup>2</sup>. 55. — India. (III. 75.)
534. (377.) **trifasciata Chemn.** (Coll. Nr. 210.) *Nanina trifasciata* (Ariophanta) A<sup>2</sup>. 55. — India. (III. 76.)

## §. 26.

535. (378.) **Cuvieriana Lea.** (Coll. Nr. 211.) *Nanina Cuvieriana* (Hemiplecta) A<sup>2</sup>. 52. — Luzon. (I. 77.)
536. (379.) **Chastelli Fér.** — *H. Cracherodii Gray.* — *Nanina Chastelli* (Xesta) A<sup>2</sup>. 54. — India? (I. 78.)

537. **H. Uter Theobald. †**

«Testa perforata, suborbiculari, carinata, tenui, lineis undatis et confluentibus subtilissime impressa, sub epidermide

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\*) «Testa sinistra, perforata, depressa, obtuse angulata, orbiculata, superne oblique striata, pallide brunnea, peripheria albida vel lutea, inferne nitidula, paulum pallidior; spira paulum prominula; anfr. 5½, plani, sutura superficiali, ultimus basi convexus, antice non descendens; apertura diagonalis, lunato-semielliptica; peristoma simplex, acutum, margine columellari ad insertionem brevissime reflexo. — Diam. maj. 34—43, min. 28—34, alt. 18—23; apert. long. 20—25, lat. 15—17½ mill.» (v. M.)

\*\*) «Testa sinistra, perforata, orbiculata, acute carinata, supra fere plana, lardeonitens, striatula, *undulatim rugosa*, rufobrunnea vel flavescens, infra rugis levioribus et prope basin lineis impressis spiralibus distantibus sculpta et sensim pallidior; carina zona luteo-alba angusta valde distincta insignis; spira vix prominens; anfr. 4⅓—5, celeriter crescentes, supra plani, sutura superficiali, ultimus infra sat convexus, antice haud descendens; apertura subrhombea, diagonalis; peristoma rectum, acutum, margine basali valde arcuato, columellari ad insertionem breviter reflexo.

*A. Zollingeriana.* Supra prorsus plana praeter levem intumescuntiam anfr. ultimi prope suturam, carina acutissima usque ad peripheriam acuta, anfractu ultimo solo malleato; pallide flava, fascia subperipherica distincta angusta castanea. — Diam. maj. 36, min. 28½, alt. 15; apert. long. 20, lat. 15 mill.

*B. Jagoriana.* Supra leviter convexa, carina paulo magis obtusa, versus aperturam obsolescente, impressionibus mallearibus jam in anfractu penultimo conspicuis, fusco-rubra, fascia subperipherica nulla. — Diam. maj. 36, min. 30, alt. 19; apert. long. 20, alt. 16 mill.» (v. M.)

deciduo evanescentibus, castanea, pallidissime rubicundula. Anfract.  $5\frac{1}{2}$  vix rapide crescentibus; ultimo ad aperturam vix descendente. Apertura lunari. Perist. recto. — Diam. 1,04, alt. 0,64 poll.» (Th.)

*Helix Uter Theob.* in Journ. Asiat. soc. Beng. 1859. XXVIII. Nr. 4. p. 305.

Habitat prope Maulmein.

Obs. «Habitu similis *H. retrorsae* (dextrorsae), sed magis tumida et statura sculpturaque discrepans.»

### 538. *H. flosculus* Cox. †

«Hel. testa obtecte perforata, depresso-lenticulari, tenuiuscula, pellucida, radiato-striata, lutescente, fasciis crebris ferrugineis radiatis anfractu ultimo praesertim et ad umbilicum extendentibus, cinguloque interdum infra carinam; spira convexo-conica; anfractibus quinque, convexiusculis, ultimo carinato; apertura angulato-lunata, peristomate simplici, ad columellam vix expanso. — Diam. maj. 0,40, min. 0,37, alt. 0,26 unc.» (C.)

*Helix flosculus* Cox in Proc. Zool. Soc. 1865. p. 695; Journ. Conch. XIV. 1866. p. 48.

Habitat in insula Norfolk (Turner).

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- 539. (380.) **anceps** Gould. (Coll. Nr. 212.) *Nanina anceps* (Trochomorpha) A<sup>2</sup>. 60. — Birmania. (I. 80.)
- 540. (381.) **biangulata** Pfr. (Coll. Nr. 213.) *Nanina biangulata* (Orobis) A<sup>2</sup>. 58. — Luzon. (I. 80.)
- 541. (382.) **ochroleuca** Fér. (Coll. Nr. 214.) *Nanina ochroleuca* (Trochomorpha) A<sup>2</sup>. 60. — Bermuda. (I. 80.)
- 542. (383.) **filocincta** Pfr. (Coll. Nr. 215.) *Nanina filocincta* (Orobis) A<sup>2</sup>. 58. — Mindanao. (I. 82.)
- 543. (384.) **atomata** Menke. — Habitat? (I. 82.)
- 544. (385.) **viridis** Quoy. † — *Vitrina viridis* Quoy et Gaim. — *Otesia viridis* H. et A. Ad. Gen. II. p. 642. — *Nanina viridis* (Medyla) A<sup>2</sup>. 47. — *Helicarion viridis* Mart. Ostas. Zool. II. p. 186. — Celebes. (I. 82.)

### §. 27.

- 545. (386.) **Lamarckiana** Lea. (Coll. Nr. 216.) *Nanina Lamarckiana* (Rhysota) A<sup>2</sup>. 54. — *Rhysota Lamarckiana* Mörch in Journ. Conch. XIII. p. 379. — Ins. Philippin. — Var.? *H. caducior* Reeve. (I. 67.)
- 546. (387.) **porphyria** Pfr. (Coll. Nr. 217.) *Nanina porphyrea* (Rhysota) A<sup>2</sup>. 54. — Philippin. (I. 76.)



547. **H. dura Pfr.**

T. perforata, depressa, solida, carinata, superne subconferte plicato-striata, nitidula, fusco-isabellina; spira brevissime conoidea, vertice minuto obtusulo; sutura linearis, anguste marginata; anfr.  $5\frac{1}{2}$  vix convexiusculi, lente accrescentes, ultimus non descendens, peripheria compresse et acute carinatus, subtus modice convexus, leviter radiato-striatus; apertura obliqua, depresso subrhombeo-lunaris; perist. rectum, margine supero tenui, basali a carina subito recedente, quasi rostram formante, tum usque ad perforationem leviter incrassato. — Diam. maj.  $3\frac{1}{4}$ , min. 30, alt. 44 mill. (Mus. Cuming).

*Helix dura* Pfr. in Proc. Zool. Soc. 1863. p. 524.

*Hemiplecta dura* Wallace in Proc. Zool. Soc. 1865. p. 406.  
Waigiou. (?)

Habitat «Lao Mountains» Cambojæ (Mouhot).

Obs. Affinis *H. exili* Müll., a qua præter staturam præcipue angulo peristomatis quasi deorsum rostrato differt.

548. **H. inclinata Pfr.**

T. subclausæ perforata, conoideo-depressa, solida, carinata, superne conferte rugoso-striata, nitidula, pallide fusca; spira regulariter conoidea, vertice minuto obtusulo; sutura marginata, carina subprominula; anfr. 6 vix convexiusculi, lente accrescentes, ultimus non descendens, acute carinatus, basi convexus, substriatus, nitidior, medio pallidior, impressus; apertura fere diagonalis, angulato-lunaris, intus margaritacea; perist. rectum, margine supero simplice, basali regulariter arcuato, versus perforationem subincrassato, eam lamina triangulari claudente. — Diam. maj. 30, min.  $26\frac{1}{2}$ , alt. 44 mill. (Coll. Angas.)

*Helix inclinata* Pfr. in Proc. Zool. Soc. 1863. p. 526.

Habitat in insulis Louisiæ Novæ Caledoniæ.

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549. (388.) **exilis Müll.** — *H. explanata* Quoy. — *Nanina exilis* (Hemiplecta) A<sup>2</sup>. 53. — Nova Guinea. (I. 78.)

550. (389.) **divisa Forb.** — *Nanina divisa* (Hemiplecta) A<sup>2</sup>. 53. — Ins. Louisiæ. (III. 77.)

551. (390.) **mera Reeve.** † — Habitat? (IV. 65.)

552. (391.) **Moretonensis Pfr.** — Australia. (IV. 65.)

553. (392.) **Novæ Hiberniæ Quoy.** (Coll. Nr. 248.) *Nanina Novæ Hiberniæ* (Hemiplecta) A<sup>2</sup>. 52. — Nova Hibernia, ins. Admiralitatis. (I. 79.)

554. (393.) **semicerina Mor.** † — Ins. Mauritii. (III. 79.)

555. (394.) **excentrica Pfr.** (Coll. Nr. 249.) *Nanina excentrica* (Oronibia) A<sup>2</sup>. 58. — Ins. Philippin. (I. 82.)

556. **H. Frauenfeldi Zelebor.**

T. perforata, lenticularis, acute carinata, tenuis, oblique conferte costulato-striata, parum nitida, translucida, cornea; spira parum elevata, vertice obtuso; sutura linearis; anfr. 5 regulariter accrescentes, planiusculi, ultimus non descendens, infra carinam levissime crenulatam convexus, laevior, nitidus; apertura obliqua, rhombeo-lunaris; perist. simplex, rectum, margine basali arcuato, ad insertionem breviter triangulatim reflexo. — Diam. maj. 46, min. 44, alt. 6 mill.

*Helix Frauenfeldi Zelebor* in litt.

Habitat in insulis Nicobaricis.

Obs. Differt a simili *H. excentrica* Pfr. costulis distinctioribus, spira elatiore, anfractuum ratione (ultimo multo angustiore), carina acutiore, etc.

## §. 28.

557. **H. Uranus Pfr.**

T. subclausa perforata, depressa, solida, conferte leviter striata et striis inaequalibus concentricis subtiliter decussata, castanea; spira parum elevata, obtusa; sutura levissima; anfr.  $4\frac{1}{2}$  vix convexiusculi, regulariter accrescentes, ultimus non descendens, carinatus, basi antice subinflatus; apertura per-obliqua, rhombea, intus coerulescenti-albida; perist. rectum, marginibus callo subflexuoso junctis, subparallelis, basali arcuato, subincrassato, ad perforationem dilatato, adnato. — Diam. maj. 68, min. 57, alt. 28 mill. (Coll. Nr. 220.)

*Helix Uranus* Pfr. in Proc. Zool. Soc. 1864. p. 490; Novit. conch. p. 304. Nr. 444. t. 73. f. 4—3.

Habitat in insulis Polillensibus (Porte).

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558. (395.) **Zeus Jon.** (Coll. Nr. 224.) *Nanina Zeus* (Rhysota) A<sup>2</sup>. 54. — Ins. Philippin. (I. 67.)

559. (396.) **Darondeaui Soul.** † — *Nanina Darondeau* (Hemiplecta) A<sup>2</sup>. 53. — Luzon. (I. 76.)

560. (397.) **Souleyetiana Pfr.** (Coll. Nr. 222.) *Nanina Souleyetiana* (Hemiplecta) A<sup>2</sup>. 52. — Borneo. (Alb.) (III. 74.)

561. (398.) **Donovani Pfr.** — *Nanina Donovan* (Hemiplecta) A<sup>2</sup>. 52. — Borneo. (III. 75.)

562. (399.) **isabellina Pfr.** — *Nanina isabellina* (Hemiplecta) A<sup>2</sup>. 53. — Ceylon. (IV. 66.)

563. **H. Travancorica Benson.** †

«H. testa anguste perforata, subconoideo-depressa, tenui, superne oblique confertissime plicato-striata, striis confertis spiralibus granulatis decussata, subtus laeviore polita, striis

spiralibus versus umbilicum obsoletis; spira depresso-conoidea, versus apicem acutiusculum elevatiuscula, sutura impressa, anguste marginata; anfractibus  $5\frac{1}{2}$ , convexiusculis, gradatim increscentibus, ultimo ad peripheriam anguste albidam compresse carinato, subtus inflato; apertura obliqua, rotundato-lunata; peristomate tenui, margine parietali superne triangulatim reflexo. — Diam. maj. 29, min. 23, axis  $15\frac{1}{2}$  mill. Apert. lat. 15, alt. 14 mill.» (B.)

*Helix Travancorica* Bens. in Ann. and Mag. n. h. (Jan. 1865.)  
3d. ser. XV. p. 13.

Habitat in montibus Travancoricis Indiae (D. Kohlhoff).

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564. (400.) **troglodytes Mor.** — *H. africana* Pfr. — *Nanina troglodytes* (Thapsia) A<sup>2</sup>. 56. — Guinea. (III. 77.)
565. (401.) **pellucida Gould.** (Coll. Nr. 223.) *Nanina pellucida* (Thapsia) A<sup>2</sup>. 56. — Africa. (IV. 66.)
566. (402.) **centralis Mouss.** (Coll. Nr. 224.) *Nanina centralis* (Hemiplecta) A<sup>2</sup>. 53. — Mart. Ostas. Zool. II. p. 219. — Java. (III. 78.)
567. (402 a.) **Menadensis Mouss.** † Pfr. Mon. IV. p. 344. — *Nanina Menadensis* Mouss. — Celebes. (Conf. II. Steursi Shuttl. Nr. 215.)
568. (403.) **induta Pfr.** — *Nanina induta* (Xesta) A<sup>2</sup>. 51. — Habitat? — *Nanina bataviana* juv.? Mart. Ostas. Zool. II. p. 218. (I. 79.)
569. (404.) **Indica Pfr.** — *Nanina indica* (Orobia) A<sup>2</sup>. 58. — Mont. Nilgherries. (I. 80.)
570. (405.) **acuducta Bens.** — *Nanina acuducta* (Orobia) A<sup>2</sup>. 58. — Mont. Nilgherries. (IV. 67.)
571. (406.) **ceraria Bens.** — Ceylon. (IV. 67.)

#### 572. **H. Riedelii Martens.** †

«Testa vix perforata, convexa lenticularis, acute carinata, tenuis, striatula, supra lineis spiralibus confertis subtilibus sculpta, infra nitida, pallide lutea, carina opace flavido-alba; anfr. 4? plani, sutura marginata notati, ultimus basi sat convexus; apertura diagonalis, securiformis; peristoma simplex, acutum, margine columellari ad insertionem breviter reflexo. — Diam. maj. 19, min. 16, alt. 12; apert. long. 11, lat.  $10\frac{1}{2}$  mill.» (v. M.)

*Nanina Riedelii* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864.  
p. 264; Ostas. Zool. II. p. 213. t. 8. f. 5.

Habitat prope Manado insulae Celebes (Riedel).

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573. (407.) **variolosa Pfr.** (Coll. Nr. 225.) Habitat? (I. 83.)
574. (408.) **Lováni Krauss.** (Coll. Nr. 226.) Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 79.)
575. (409.) **biciliata Pfr.** — Ceylon. (IV. 68.)

## §. 29.

576. (410.) **ravida Bens.** (Coll. Nr. 227.) *Gerstf.* in Mém. prés. Ac. Pet. IX. p. 517: ad fluvium Amur. — *Acusta Mart.* Ostas. II. p. 45. \*) — *H. helvacea Phil.* — *Nanina ravida* (Acusta) A<sup>2</sup>. 56. China. (I. 83.)
577. (411.) **subgranosa Guill. †** — Australia septentr. (I. 83.)
578. (412.) **Knysnaënsis Pfr.** (Coll. Nr. 228.) Pella A<sup>2</sup>. 84. — Promont. bonae spei. (I. 84.)
579. (413.) **lucubrata Say, Pfr.** Mon. IV, an Say? = *H. friabilis Binn.* Terr. Moll. IV. p. 406. t. 80. f. 2; *Pfr.* Mon. IV. p. 346. (Coll. Nr. 229.) Conf. Malak. Bl. 1858. p. 32 et *Bland* in Ann. Lyc. N.-York 1860. VII. p. 29. — *Hyalina lucubrata* (Mesomphix) A<sup>2</sup>. 71. — Texas. (I. 98. IV. 68.)
580. (414.) **Redfieldi Pfr.** (Coll. Nr. 230.) *Acusta Mart.* Ostas. Zool. II. p. 45. — *Nanina Redfieldi* (Acusta) A<sup>2</sup>. 56. — China. (III. 80.)

581. **H. Frilleyi Crosse et Debeaux.**

« Testa umbilicata, conico-globosa, obsolete striata, tenuis, pellucida, cornea; anfr.  $5\frac{1}{2}$  convexi, ultimus basi inflatus, non descendens; apertura lunato-rotundata; perist. acutum, marginibus subparallelis, callo tenui junctis, columellari dilatato, reflexiusculo, umbilicum semitegente, dextro simplice, acuto. — Diam. maj.  $13\frac{1}{2}$ , min. 12, alt. 10 mill. » (Cr. — Coll. Nr. 231.)

*Helix Frilleyi Crosse et Deb.* in Journ. Conch. XI. 1863. p. 387; XII. 1864. p. 349. t. 12. f. 3.

Habitat in China septentrionali.

582. **H. Flindersi Adams et Angas. †**

« H. testa globoso-conoidali, tenuicula, mediocriter umbilicata, fusco-albida; anfractibus  $4\frac{1}{2}$ , convexiusculis, rugoso-stri-gillatis, ultimo magno inflato; apertura lunato-ovata, labio callo umbilicum partim tegente. — Long. 7, lat. 7 lin. » (Ad.)

*Helix (Hadra) Flindersi A. Ad. et Ang.* in Proc. Zool. Soc. 1863. p. 524.

Habitat in Australia meridionali.

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583. (415.) **Orbignyi WB.** (Coll. Nr. 232.) *Xerophila* A<sup>2</sup>. 110. — Teneriffa, Palma. (I. 84. IV. 69.)

584. (416.) **saxatilis Couth. †** — Terra Ignea. (I. 84.)

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\*) « Testa anguste umbilicata, dilatato-globosa, tenuis, subtiliter rugoso-plicata, lineis concentricis obsoletis decussata, sericeo-nitens, olivaceo-flavescens; spira conica, acutiuscula; anfr. 6, convexi, ultimus inflatus, antice paulum descendens; apertura parum subcircularis, obliqua, intus subrosea; peristoma simplex, rectum, margine columellari dilatato, reflexo. — Diam. maj. 33, min. 25, alt. 34; apert. long.  $20\frac{1}{2}$ , lat. 20 mill. — Amoy, Tshusan, Shanghai, Wusung. » (v. M.)

## §. 30.

585. (417.) **distincta Pfr.** (Coll. Nr. 233.) *Nanina distincta* (Xesta) A<sup>2</sup>. 51. — Rhyssota *Mart. Ostas. Zool. II. p. 69.* \*) t. 6. f. 8. — Cochinchina, Siam. — Conf. Journ. Conch. XI. p. 348. (III. 81.)
586. (418.) **Humphreysiana Lea.** (Coll. Nr. 234.) *Nanina Humphreysiana* (Hemiplecta) A<sup>2</sup>. 52. — *Mart. Ostas. Zool. II. p. 233.* \*\*) t. 10. f. 2. 4. — *Hemiplecta Humphreysiana* Wallace in Proc. Zool. Soc. 1865. p. 406. — Singapore. — Var.: *H. gemina* v. d. Busch. — *H. nobilis* Reeve t. 74. f. 381. Non Pfr. (I. 43.)
- (418a. *Waandersiana* Mouss. et 418b. *Baliensis* Mouss. vid. in §. 13.)
- (419. *Monrovia* Rang status juvenilis *Streptaxis nobilis* esse videtur! Conf. Pfr. Mon. Helic. III. p. 81, v. *Martens* in Malak. Bl. XIII. 1866. p. 104, *Dohrn* ibid. p. 135 et Pfr. ibid. p. 136.)

587. **H. Paradensis Pfr.**

T. anguste umbilicata, depresso-turbinata, solidula, superne arcuato-striata, lineisque spiralibus sub lente conspicuis sculpta, lutescenti-cornea; spira conoidea, vertice minuto; anfr. 5 convexiusculi, ultimus latus, rotundatus, subtus radiato-striatus, nitidior; apertura obliqua, rotundato-lunaris, intus submarginata; perist. simplex, rectum, marginibus vix convergentibus, columellari superne subdilato. — Diam. maj. 20, min. 17, alt. 12 mill. (Mus. Cuming.)

*Helix Paradensis* Pfr. in Proc. Zool. Soc. 1861. p. 20 (err. *Faradensis*); Malak. Bl. VII. p. 233.

Habitat Parada reipublicae mexicanae (Sallé).

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\*) «Testa peranguste umbilicata, depresse-turbinata, striatula et subtilissime spiratim rugulosa, fulvocarnea, basi flavovirescens, fascia peripherica angusta pallida; spira breviter conoidea, obtusa; anfr. 5½ convexiusculi, ultimus rotundatus, antice vix descendens; apertura diagonalis, lunato-rotundata; peristoma simplex, obtusum, albidum, margine columellari ad insertionem brevissime reflexiusculo. — Diam. maj. 54, min. 40, alt. 33; apert. long. 29, lat. 24 mill.» (v. M.)

\*\*) «Testa aperte perforata, depresse-conica, solida, supra granuloso-rugulosa, infra concentrice confertim striata, utrinque nitidula, luteo-fulva, peripheria pallida et fascia subperipherica obscura picta; spira elata, acutiuscula; anfr. 7, convexiusculi, sutura sat profunda, plerumque violascente conjuncti; ultimus obtusissime angulatus, infra paulo minus vel subaequaliter convexus ac supra, antice haud deflexus; apertura plus minusve obliqua, lunato-semielliptica; peristoma obtusum, rectum, margine basali levissime antrorsum flexuoso, columellari ad insertionem vix reflexiusculo.

A. *turbinata*: elatior, subgradata, virentifulva, unifasciata. (t. 10. f. 2b.)

B. *complanata*: depressa, anfractibus minus convexis, ceterum priori similis. (t. 10. f. 2.)

C. *bifasciata*: minor, magis pallida, fascia altera supra, altera infra peripheriam latiusculis. (t. 10. f. 4: *Nanina gemina* Auct.)» (v. M.)



588. (420.) **Samoa Jacq. †** — Ins. Upolu. (IV. 69.)

589. (421.) **Torresiana Jacq. †** — Torres-Strait. (IV. 70.)

590. **H. virescens Pfr.**

T. anguste umbilicata, turbiniformis, tenuiuscula, leviter striatula, parum nitens, viridula, sursum pallescens; spira regulariter conoidea, vertice acutiusculo; sutura impressa; anfr. fere 7 convexiusculi, ultimus non descendens, basi planiusculus; apertura parum obliqua, lunaris; perist. simplex, rectum, marginibus vix convergentibus, columellari superne subdilatato, reflexo. — Diam. maj. (spec. max.)  $43\frac{1}{2}$ , min. 12, alt. 8 mill. (Coll. Nr. 235.)

*Helix virescens* Pfr. in Malak. Bl. XIII. 1866. p. 79.

Habitat in monte Platon insulae Haiti (Smith).

591. **H. marmorata Cox. †**

«Hel. testa umbilicata, depresso-convexa, laevigata, obsolete interne striata, nitidissima, rufo-cornea, basi subcompressa; anfractibus sex; spira late conoidea; apertura lunari; peristomate recto simplici, margine columellari basi parum reflexo, vix umbilicum minutum subobtegente. — Diam. maj. 0,40, min. 0,34, alt. 0,22 unc.» (C.)

*Helix marmorata* Cox Catal. Austr. landsh. p. 20.

Habitat Kiama, Fernhill, Port Curtis, Broken Bay Australiae.

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592. (422.) **leucorhaphé Pfr.** (Coll. Nr. 236.) Haiti. (III. 84.)

593. (423.) **musicola Shuttl.** (Coll. Nr. 237.) Portorico. (IV. 70.)

594. **H. mendicaria Pfr.**

T. mediocriter umbilicata, conoideo-semiglobosa, solidula, striata et sub lente breviter pilosa, cornea; spira conoidea, vertice subtili, nitido; anfr.  $4\frac{1}{4}$  turgidi, ultimus vix descendens; apertura parum obliqua, lunato-subcircularis; perist. simplex, rectum, marginibus convergentibus, columellari vix dilatato, non reflexo. — Diam. maj. 8, min. 7, alt.  $4\frac{2}{3}$  mill. (Mus. Cuming.)

*Helix mendicaria* Pfr. in Proc. Zool. Soc. 1860. p. 136; Malak. Bl. VII. p. 233.

Habitat Tunis (Tristram).

595. **H. Poongee Theobald. †**

«Testa turbinata conoidea, tenui, apice depressiusculo, anguste umbilicata, tumida, fusco-cornea. Anfract.  $6\frac{1}{2}$  convexis.



Apertura rotunde lunari. Perist. recto, acuto. — Diam. 0,26, alt. 0,20 poll.» (Th.)

*Helix Poongee* Theob. in Journ. As. soc. Beng. 1859. XXVIII. p. 307.

Habitat prope Maulmein.

Obs. «Quodammodo similis *H. molecularae*, sed spira magis elevata.»

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596. (424.) **perplicata Bens.** (Coll. Nr. 238.) Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 84.)

597. **H. translucens Gundlach.**

T. anguste et aperte umbilicata, conoideo-subglobosa, tenuis, striatula, translucens, cerea; spira convexiusculo-conoidea, subacuminata; anfr.  $6\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus basi inflatus, antice non descendens; apertura vix obliqua, lunaris; perist. simplex, rectum, marginibus remotis, columellari superne breviter reflexo. — Diam. maj. 7, min.  $6\frac{1}{3}$ , alt.  $4\frac{1}{2}$  mill. (Coll. Nr. 239.)

*Helix translucens Gundl.* mss.; *Pfr.* in Malak. Bl. VII. 1860. p. 47.

Habitat in parte orientali insulae Cubae: Yunque de Baracoa.

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598. (425.) **Boothiana Pfr.** (Coll. Nr. 240.) Microphysa A<sup>2</sup>. 83. — *H. Lavalleana Orb., vitrina Ad.* — Cuba. (I. 86.)

599. **H. gracilis Poey. †**

«Differt ab *H. Boothiana Pfr.* colore albo subcorneo, non nitente, anfractibus magis depressis, apertura minus alta, umbilico apertiore. — Diam. (spec. anfr. 4) 3, alt.  $4\frac{1}{2}$  mill.» (P.)

*Helix gracilis Poey* Repert. fis. nat. Cuba 1865. Jun. p. 69.

Habitat in insula Cuba. Rara ad San Juan de Remedios et Bayamo.

600. **H. Montetaurina Pfr.**

T. umbilicata, conoidea, tenuis, striatula, pellucida, albidohyalina; spira convexo-conoidea, vertice minuto; sutura subcanaliculata; anfr.  $6\frac{1}{2}$  angustissimi, convexi, ultimus non descendens, basi convexior; umbilicus angustus, profunde pervius; apertura subverticalis, transversa; perist. simplex, rectum, acutum, margine supero brevissimo, basali arcuato, ad umbilicum vix dilatato. — Diam. maj.  $4\frac{2}{3}$ , min.  $4\frac{1}{2}$ , alt. vix 3 mill. (Coll. Nr. 244.)

*Helix Montetaurina* Pfr. in Malak. Bl. VI. 1859. p. 91; VII. 1860. p. 18; VIII. t. 1. f. 17—20.

Habitat in parte orientali insulae Cubae: Monte Toro; nec non in insula Haiti.

601. **H. elatior Weinland et Martens.**

T. anguste umbilicata, convexo-turbinata, subruditer striatula, corneo-hyalina; spira elata, vertice obtusulo; anfr.  $5\frac{1}{2}$  convexi, lente accrescentes, ultimus turgidulus, non descendens; apertura obliqua, regulariter lunaris; perist. simplex, rectum, marginibus distantibus, columellari ad insertionem vix dilatato. — Diam. maj. 5, min.  $4\frac{1}{2}$ , alt. 3 mill. (Coll. Nr. 242.)

*Helix elatior* Weinl. et Mart. mss. Pfr. in Malak. Bl. VIII. 1861. p. 72 adnot. t. 1. f. 13—16.

Habitat in insula Haiti (Weinland).

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602. (426.) **omissa Pfr.** — Juan Fernandez. (IV. 71.)

603. **H. polypleuris W. Blanford. †**

«T. aperte umbilicata, trochiformis, solidula, alba (spec. viventium verosimiliter cornea), dense et oblique costulata. Spira conoidea, apice obtusiusculo, sutura impressa. Anfr. 6, convexi, lente accrescentes, ultimus non descendens, carina elevata filiformi cinctus, subtus convexus et subsinuose radiatim costulatus circa umbilicum profundum, pervium. Apertura obliqua, rotundato-lunaris, fere circularis; perist. tenue, marginibus distantibus, columellari leviter expanso. — Diam. maj. 4, min.  $3\frac{3}{4}$ , axis 3 mill.» (Bl. angl.)

*Helix* (sect.?) *polypleuris* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 12.

Habitat in montibus Arakanensibus.

604. **H. Minviellei Philippi.**

T. late umbilicata, pyramidata, tenuis, striis incrementi tenuissimis, confertissimis striisque radiantibus elevatis, lamellaeformibus, distantibus, perobliquis sculpta, cornea, rufo-radiata; spira convexiusculo-conica, vertice laevigato, acutiusculo; anfr. 7 rotundati, lente accrescentes, ultimus non descendens; umbilicus conicus, fere  $\frac{1}{2}$  diametri occupans; apertura parvula, parum obliqua, lunato-circularis; perist. simplex, rectum, marginibus convergentibus, columellari vix patente. — Diam. maj. 4, alt.  $2\frac{3}{4}$  mill. (Coll. Nr. 243.)

*Helix Pazi* Phil. in Malak. Bl. XIII. 1866. p. 39. Nec Poey.

*Helix Minviellei* «Phil.» Pfr. in Malak. Bl. XIV. 1867. p. 80.

Prope Valparaiso primus invenit ornat. Patricius Paz - Minvielle.

605. **H. impura Pfr.**

T. umbilicata, trochiformis, tenuiuscula, rugoso-costulata, sub tegumento impura cornea; spira regulariter turbinata, vertice obtusulo; sutura profunda; anfr. 5 modice convexi, ultimus non descendens, subdepressus, subtus costulato-striatus; umbilicus mediocris, pervius; apertura obliqua, lunato-rotundata; perist. simplex, rectum, marginibus approximatis, columellari subverticali, superne dilatato, patente. — Diam. maj. 4, min.  $3\frac{3}{4}$ , alt. 3 mill. (Coll. Nr. 244.)

*Helix impura* Pfr. in Malak. Bl. XIII. 1866. p. 79.

Habitat Mirador, Veracruz reipublicae mexicanae (Berendt).

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606. (427.) **decidua Pfr.** (Coll. Nr. 245.) Nova Seelandia. (IV. 71.)

607. (428.) **angustispira Ad.** — Microphysa A<sup>2</sup>. 83. — Jamaica. (III. 82.)

608. (429.) **fuscula Ad.** (Coll. Nr. 246.) Microphysa A<sup>2</sup>. 83. — Jamaica. (III. 82.)

609. (430.) **pleurophora Moric. †** — Brasilia. (I. 86.)

610. (431.) **rupestris Drap.** (Coll. Nr. 247.) Patula A<sup>2</sup>. 85. — Bielz Faun. Siebenb. p. 48. — *H. umbilicata* Mont., aliena Zgl., spirula Villa. — *Discus rupestris* (Pyramidula) Mörch Moll. Dan. p. 16; Journ. Conch. XIII. p. 382. — Europa media. (I. 86.)

611. **H. Wilhelmi Pfr.**

T. umbilicata, breviter turbinata, tenuis, striatula, oleosomicans, rufo-fusca; spira conoidea, vertice minuto; sutura profunda; anfr. 4 tumidi, ultimus teres, non descendens; umbilicus latiusculus,  $\frac{1}{3}$  diametri subaequans; apertura fere diagonalis, lunato-rotundata; perist. simplex, rectum, marginibus convergentibus, columellari vix patente. — Diam. maj. 3, min.  $2\frac{2}{3}$ , alt. 2 mill. (Coll. Nr. 248.)

*Helix Wilhelmi* Pfr. in Malak. Bl. XIII. 1866. p. 79.

Habitat Mirador, Veracruz reipublicae mexicanae (Berendt).

Obs. Testa superne ab *H. rupestri* vix distinguenda, sed multo latius umbilicata.

612. **H. flocculus Morelet. †**

«T. aperte umbilicata, depresso-turbinata, tenuis, sub lente costulato-striata, fulvo et griseo variegata; anfr. 4 convexiusculi, ultimus ad peripheriam subangulatus; apertura obrotunda;

peristoma simplex, rectum, acutum, margine columellari superne paululum dilatato. — Diam. maj. 2, alt. vix 4 mill.» (M.)

*Helix flocculus* Mor. in Journ. Conch. VII. 1858. p. 8. (Malak. Bl. 1859. p. 5.)

— — (Patula) *Alb. Helic.* ed. Mart. p. 85.

Habitat in Kamtschatka.

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613. (432.) **placida** Shuttl. (Coll. Nr. 249.) Patula A<sup>2</sup>. 85. — Teneriffa. (IV. 72.)

614. (433.) **Assarinensis** Calc. † — Sicilia. (I. 87.)

615. (434.) **saxicola** Pfr. (Coll. Nr. 250.) Patula A<sup>2</sup>. 86. — Cuba. — Excludatur synonymum Gouldianum; vid. Nr. 754. (I. 87.)

#### 616. **H. Jeannereti** Pfr.

T. anguste umbilicata, conoideo-semiglobosa, tenuis, levissime striatula, oleoso-micans, saturate fusca; spira turbinata; anfr. 3½ juxta suturam profundam turgidi, ultimus rotundatus, non descendens; apertura fere diagonalis, lunato-rotundata; perist. simplex, rectum, marginibus convergentibus, columellari vix dilatato, patulo. — Diam. maj. 2⅓, alt. 2 mill. (Coll. Nr. 254.)

*Helix Jeannereti* Pfr. in Malak. Bl. V. 1858. p. 184.

Habitat «Brazo del Cauto» insulae Cubae.

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617. (435.) **Hierosolymitana** Bourg. (Coll. Nr. 252.) Patula A<sup>2</sup>. 85. — Patula *Hierosolymitana* Mouss. Coq. voy. Roth p. 7. — Palaestina. (IV. 72.)

618. (436.) **bullula** Hutt. (Coll. Nr. 253.) *Nanina bullula* (Orobia) A<sup>2</sup>. 58. — Simla Indiae. (I. 86.)

619. (437.) **microscopica** Krauss. — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 83.)

620. (438.) **humilis** Hutt. (Coll. Nr. 254.) Patula A<sup>2</sup>. 86. — India orientalis. (III. 83.)

621. (439.) **minutissima** Lea. — Conf. Binn. Terr. Moll. IV. p. 400. t. 77. f. 6. 7. — *Punctum minutissimum* Morse in Journ. Portl. soc. 1864. (Journ. Conch. 1865. p. 360.) — America bor. (I. 87.)

#### 622. **H. Euomphalus** W. et **H. Blanford.** †

«T. mediocriter umbilicata, subturbinata, depressa, fulvo-cornea, tenuis, oblique striata; spira conoidea, apice obtusa, sutura valde impressa. Anfr. 4 rotundati, sensim accrescentes, ultimus vix descendens, subteres. Apertura obliqua, rotundato-lunaris; perist. simplex, rectum, marginibus distantibus, sinistro haud reflexo. Umbilicus perspectivus. — Diam. maj. 2, min. 1¾, alt. 4 mill.» (Bl.)

*Helix Euomphalus* W. et *H. Blanf.* Contrib. to Ind. Malac.  
Nr. 2. 1861. p. 8.

Habitat rarissima prope Pykara montium Nilgiris.

Obs. Forma similis *H. tapeinae* Bens. minutae, anfractibus magis rotundatis, sutura profundiore, labro non expanso.

623. **H. Luseana Paiva.** †

«T. umbilicata, minuta, tenuis, pellucida, nitens, tota pallide olivaceo-lutescens, supra striis incurvis, regularibus, radiatis, distinctius per testam transpectis notata; spira elatiuscula, apice obtusa; sutura impressa; umbilicus amplus, infundibuliformis, profundus; anfr. 4 — 4½ tumidi, gradatim crescentes, ultimus ecarinatus, antice haud deflexus, basi rotundatus, ad peripheriam depressus, fere angularis; apert. oblique rotundata, longior quam lata; peristoma acutum, interruptum, super columellam reflexiusculum, callo albo, tenuissimo, vix contra ventrem conspicuo marginatum. — Diam. 2½, alt. vix 1 mill.» (De P.)

*Helix Luseana* De Paiva in Journ. Conch. XIV. 1866. p. 342.  
t. 11. f. 9.

Habitat in insula Madera.

624. **H. microscopica Cox.** †

«Hel. testa umbilicata, conoidea, rubido-cornea, pellucida, nitente; anfractibus quinque, gradatim increscentibus; spira obtusa, sutura impressa; costis crebris transversalibus, elevatis, interstitiis minutissime punctato-striatis; apertura rotundato-lunari, peristomate simplici. — Diam. maj. 0,04, alt. 0,02 unc.» (C.)

*Helix microscopica* Cox Catal. Austr. landsh. p. 21.

Habitat Stroud Australiae (King).

625. **H. paradoxa Cox.** †

«Hel. testa subampliter umbilicata, depresso-conica, fuscescente, vix nitidula, undique costellato-striata; anfractibus quatuor, ultimo convexo, secundo convexiusculo; sutura impressa; spira obtusissima; apertura rotundato-ovata; peristomate simplici. — Diam. maj. 0,07, alt. 0,04 unc.» (C.)

*Helix paradoxa* Cox Catal. Austr. landsh. p. 21.

Habitat in Australia (King).

## §. 31.

626. (440.) **olivetorum Herm.** (Coll. Nr. 255.) *H. Leopoldiana* Charp.  
— *Hyalina olivetorum* (Mesomphix) A<sup>2</sup>. 71. — *Zonites Leopoldianus* Mort. Et. Zonit. 1862. p. 3. — Italia. (IV. 73.)
627. (441.) **incerta Drap.** (Coll. Nr. 256.) *H. olivetorum* Fér., Pfr.  
Mon. III. p. 83. — *Hyalina incerta* (Mesomphix) A<sup>2</sup>. 71. — Gallia, etc.

628. **H. Malinowskii Zelebor.**

T. mediocriter umbilicata, convexo-depressa, tenuiuscula, sub lente subundulato-striatula, nitida, fulva; spira parum elata, vertice minuto; anfr. 6 convexiusculi, sublente accrescentes, ultimus non descendens, subdepressus, basi pallidior; apertura parum obliqua, lunato-ovalis, intus leviter margaritacea; perist. simplex, rectum, marginibus convergentibus, columellari ad insertionem dilatato, non reflexo. — Diam. maj. (spec. max.)  $20\frac{1}{2}$ , min.  $17\frac{1}{2}$ , alt. 9 mill. (Coll. Nr. 257.)

*Hyalina Malinowskii* Zeleb. mss.; Pfr. in Malak. Bl. XII. 1865.  
p. 101.

*Helix Malinowskii* Pfr. Novit. conch. Fasc. XXIII. p. 272.  
Nr. 383. t. 67. f. 11—13.

Habitat Dobrudscha.

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629. (442.) **filicum Kryn.** (Coll. Nr. 258.) *Kryn.* Bull. Mosc. 1837.  
Nr. 2. p. 52. — *Kalenicz.* in Bull. Mosc. 1853. XXVI. 2. p. 92.  
— *Hyalina filicum* (Mesomphix) A<sup>2</sup>. 71. — *Zonites filicum* Mouss.  
Coq. Schläfli II. p. 21. — Caucasus. (IV. 73.)

630. **H. mingrelica Mousson. †**

«T. aperte umbilicata, convexo-depressa, tenuis, fortiter striata, lineis raris decussata, vix nitidula, obscure fusco-cornea, subtus pallidior. Spira regularis, obtuso-depressa, summo planiusculo, sutura vix profunda, interdum pallide marginata. Anfr.  $6\frac{1}{2}$ , convexiusculi; ultimus non descendens, subdilatus, subtus vix planiusculus. Apertura vix obliqua, rotundato-lunaris. Peristoma rectum, acutum; margine supero subarcuato; columellari ad perforationem apertam vix protracto, non reflexo. — Diam. maj. 23, min. 20, alt. 13 mill.» (M.)

*Zonites mingrelicus* Mouss. Coq. Schläfli II. 1863. p. 22.

Habitat Koutais Mingreliae.

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631. (443.) **fuliginosa Griff.** (Coll. Nr. 259.) *Binn.* Terr. Moll. IV.  
p. 105. — *Hyalina fuliginosa* (Mesomphix) A<sup>2</sup>. 71. — Pennsylvania, Ohio. (I. 88.)



632. (443a.) **kopnodes Binn.** (Coll. Nr. 260.) *Pfr.* Mon. IV. p. 346.  
— *Binn.* Terr. Moll. IV. p. 404. t. 80. f. 44. — Alabama.  
(443b. *friabilis Binn.*, *Pfr.* Mon. IV. p. 346: vid. *H. lucubrata*  
Nr. 579.)
633. (444.) **caduca Pfr.** (Coll. Nr. 264.) *Binn.* Terr. Moll. IV. p. 407.  
— *Berendt* in *Malak. Bl.* 1865. p. 208. — *Hyalina caduca* (Am-  
monoceras) *A*<sup>2</sup>. 72. — Mexico. (I. 98.)
634. (445.) **Griffithi Pfr.** — Habitat? (I. 89.)
635. (446.) **omalomorpha Orb.** — *Hyalina omalomorpha* (Ammono-  
ceras) *A*<sup>2</sup>. 72. — Bolivia. (I. 109. IV. 74.)
636. (447.) **Natolica Alb.** — *Hyalina natolica* (Hyalina) *A*<sup>2</sup>. 69. —  
Natolia; Transylvania: *Bielz* Faun. Siebenb. p. 41. (IV. 74.)

### 637. **H. mitis Pfr.**

T. umbilicata, convexo-depressa, tenuiuscula, laevigata, diaphana, alabastrina; spira parum elevata, conoideo-convexa; sutura submarginata; anfr. 5 convexiusculi, sensim accrescentes, ultimus subdepresso-rotundatus; umbilicus angustissimus, vix pervius; apertura parum obliqua, lunaris, intus nitida; perist. simplex, rectum, marginibus vix convergentibus, columellari arcuato, superne subdilatato. — Diam. maj.  $16\frac{2}{3}$ , min.  $15\frac{1}{3}$ , alt.  $8\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix mitis Pfr.* in *Proc. Zool. Soc.* 1862. p. 268.

Habitat «Lao Mountains» Cambojae (Mouhot).

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638. (448.) **protensa Fér.** — *Hyalina protensa* (Hyalina) *A*<sup>2</sup>. 68. —  
Syria. (I. 90.)
639. (449.) **aequata Mouss.** (Coll. Nr. 262.) *Hyalina aequata* (Hya-  
lina) *A*<sup>2</sup>. 68. — Rhodus, Graecia. (IV. 75.)
640. (450.) **Jebusitica Roth.** (Coll. Nr. 263.) *Hyalina jebusitica* (Hya-  
lina) *A*<sup>2</sup>. 68. — *Zonites jebusiticus* *Mouss.* Coq. voy. Roth p. 5.  
— Palaestina. (IV. 75.)
- (451. *capillacea Fér.* vid. Nr. 782 in §. 32.)
641. (452.) **dissidens Desh.** † — *Pfr.* Mon. III. p. 84. (Amer.  
septentr.) Vid. Nr. 1516.
642. (453.) **epixantha Pfr.** — Fruticicola *Mart.* Ostas. Zool. II. p. 45.  
(*H. similari jun.* simillima.) — *Nanina epixantha* (Orobis) *A*<sup>2</sup>.  
58. (III. 84.)

### 643. **H. Amboinensis Martens.**

«Testa depressa, anguste umbilicata, oblique striatula, splendida, corneo-fulva, subtus paulum pallidior; spira paulum prominula, apice rubicunda; sutura albida; anfr. 5, convexiusculi, ultimus rotundatus; apertura subdiagonalis, oblique lunata; peristoma simplex, acutum, margine columellari valde obliquo, haud reflexo. — Diam. maj. 15, min. 12, alt.  $8\frac{1}{2}$ ; apert. long. 8; lat. 6 mill.» (v. M. — Coll. Nr. 264.)

*Hyalina Amboinensis* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 266; Ostas. Zool. II. p. 244. t. 12. f. 11.

Habitat in insulis Buru, Amboina et Banda-Nera.

644. **H. rejecta Pfr.**

T. umbilicata, depressa, tenuis, striatula, nitida, fusco-cornea; spira vix elata, vertice subtili, vix prominulo; sutura submarginata; anfr. fere 5 vix convexiusculi, ultimus latus, depressus, circa umbilicum angustissimum vix pallidior; apertura obliqua, late lunaris; perist. simplex, rectum, margine columellari superne in laminam parvam triangularem reflexo. — Diam. maj. 12, min. 10, alt. 5 mill. (Mus. Cuming.)

*Helix rejecta* Pfr. in Proc. Zool. Soc. 1859. p. 25. t. 43. f. 1. (Malak. Bl. 1859. p. 5.)

*Hyalina rejecta* Mart. Ostas. Zool. II. p. 17. 42.

Habitat in China boreali, Tsutsima Japoniae (A. Adams).

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645. (454.) **chalicophila Orb.** — Bolivia. (I. 90. IV. 76.)

646. (455.) **skiaphila Orb. †** — Bolivia. (I. 90.)

647. **H. Almonte Tristram. †**

«T. profunde umbilicata, depressa, semiglobosa, tenuis, cornea, delicatissime striata; spira paullulum elevata; sutura profunda; anfract.  $5\frac{1}{2}$ , leviter accrescentes, turgidi; apertura parum obliqua, subcircularis; peristomium rectum, margine columellari ad perforationem reflexiusculo. — Diam. maj. 11, min.  $9\frac{1}{2}$ , alt. 6 mill.» (T.)

*Helix Almonte Tristr.* in Proc. Zool. Soc. 1863. p. 411.

Habitat Vera Paz Guatemalae.

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648. (456.) **nitensoides Orb.** (Coll. Nr. 265.) Pfr. in Malak. Bl. VI. 1859. p. 90: Guantánamo insulae Cubae. (I. 95. IV. 76.)

649. (457.) **alliaria Müll.** (Coll. Nr. 266.) *H. alliacea* Jeffr., *nitens* Shepp., *foetida* Stark, *aquitana* Charp. teste Alb. — *Hyalina alliaria* et *aquitana* (*Hyalina*) A<sup>2</sup>. 68. — *Hyalinia alliaria* Mörch Moll. Dan. p. 13. — Britannia, Germania. (IV. 76.)

650. (458.) **glabra Stud.** (Coll. Nr. 267.) *H. lurida* et *tenera* Stud., *exquisita* Desh. — *Zonites glaber* Mort. Et. Zonit. 1862. p. 14. — Mouss. Coq. Schläfli I. p. 38: Epirus. — *Hyalina glabra* (*Hyalina*) A<sup>2</sup>. 68. — Bielz Faun. Siebenb. p. 41. — Germania, Helvetia, Gallia. (IV. 77.)

651. (459.) **bilineata Pfr.** (Coll. Nr. 268.) Berendt in Malak. Bl. 1865. p. 208. — *Hyalina bilineata* (*Zonyalina*) Mart. in Malak. Bl. 1865. p. 16. — Var.: *H. zonites* Reeve. — Mexico. (I. 91.)

652. (460.) **Veracruzensis Pfr.** — *Hyalina veracruzensis* (Mesomphix) A<sup>2</sup>. 71. — Mexico. (IV. 78.)
653. (461.) **lambda Pfr.** (Coll. Nr. 269.) *H. igniflua* Reeve. — *Nanina lambda* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (III. 84.)
654. (462.) **Miguelina Pfr.** — Morel. Moll. terr. Açor. 1860. — *H. Vidaliana* Morel. et Drouët 1857. — Ins. Azor. (IV. 78.)  
(462 a. *Vidaliana* Mor. et Dr., Pfr. Mon. IV. p. 346. vid. praeced.)
655. (463.) **similis Ad.** (Coll. Nr. 270.) *Sagda similis* (Hyalosagda) A<sup>2</sup>. 77. — Jamaica. (III. 85.)
656. (464.) **Hollandi Ad.** — *Sagda Hollandi* (Hyalosagda) A<sup>2</sup>. 77. — Jamaica. (III. 85.)
657. (465.) **ambigua Ad. †** — *Sagda ambigua* (Hyalosagda) A<sup>2</sup>. 77. — Jamaica. (III. 631.)
658. (466.) **peregrina Ar. et Magg. †** — *Hyalina peregrina* (Hyalina) A<sup>2</sup>. 69. — Sicilia. (I. 92.)
659. (467.) **diaphanella Kryn.** — Kalenicz. in Bull. Mosc. XXVI. 2. p. 92. — *H. diaphana* Kryn., *multispira* Pfr. — *Hyalina diaphanella* (Hyalina) A<sup>2</sup>. 69. — Tauria. (I. 92.)

660. **H. frondosula Mousson. †**

«T. umbilicata, convexo-depressa, arctespirata, tenuiscula, subdiaphana, glabra, striata, fusco-cornea. Spira regularis, paulo elevata; summo obtuso; sutura perimpressa. Anfractus 6½—7, densi, convexi; primi politi, sequentes supra ad suturam tumiduli, frondoso-striati, ultimus vix subdilatus, subtus planiusculus, pallidior. Apertura vix obliqua, non descendens, transverse depresso-lunaris. Perist. rectum, acutum; marginibus remotis, basali planiusculo, columellari brevi, ad umbilicum mediocrem, profunde inserto, vix reflexiusculo. — Diam. maj. 9, min. 8, alt. 3,5 mill.» (M.)

*Zonites frondosulus* Mouss. Coq. Schläfli II. 1863. p. 4.

Habitat prope Constantinopolim.

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661. (468.) **Testae Phil.** (Coll. Nr. 271.) Rossm. Icon. III. 17. p. 87.\*)  
t. 82. f. 903. 404. — *H. Philippi* Testa, Canini Ben., Musignanii Parr. — *Hyalina Testae* (Hyalina) A<sup>3</sup>. 69. — Sicilia. (I. 92).
662. (469.) **Balmei Pot. et Mich.** (Coll. Nr. 272.) *H. opaca* Shuttl. — *Hyalina opaca* (Hyalina) A<sup>2</sup>. 68. — Sicilia. (III. 85.)

663. **H. putrescens Lowe. †**

«T. orbiculato-depressa discoidea large et subperspective umbilicata spadiceo-fusca nitida laeviuscula, supra convexo-

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\*) «Testa anguste umbilicata, convexo-orbiculata, arctispira, subtiliter striatula, corneo-lutescens, nitidula, subtus albida, planiuscula; spira convexa; anfractus 7, lentissime accrescentes, ultimus supra parum latior, demum breviter decurvatulus; apertura lunata; peristoma rectum, simplex, repandum; palatum tenuiter incrassatum. — Alt. 7, lat. 12½ mill.» (Rm.)

depressa obsolete et tenuiter crebristriolata, subtus nisi circa umbilicum laevior; spira plano-convexa, apice albida, anfr.  $5\frac{1}{2}$  — 6 convexiusculis arcte transversim obsolete striolatis, ultimo haud descendente, sutura distincta impressa; umbilico largo spirali aperto  $\frac{1}{3}$  diam. maj. aequante; apertura oblique lunata subdepressa s. latiore quam alta; perist. recto simplici tenui acuto. — Diam. maj. 9 —  $9\frac{1}{2}$ , min.  $8\frac{1}{2}$  — 9, alt. 4 —  $4\frac{1}{2}$  mill.» (L.)

*Helix putrescens* (*Lucilla*) *Lowe* in Ann. and Mag. n. h. 3 d. ser. VII. (Febr. 1861.) p. 104.

Habitat in insula Palma (Wollaston).

Obs. «Perfecte distincta a proxime affini *H. textili* Shuttl.

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664. (470.) **translucida** **Mort.** † — Trapezuntum. (IV. 79.)

665. (471.) **lucida** **Drap.** (Coll. Nr. 273.) *H. nitida* *Drap.* Hist., cellaria *Desh.*, *Draparnaldi* *Beck.* — *Hyalina* *Draparnaldi* (*Hyalina*) *A*<sup>2</sup>. 68. — *Zonites lucidus* *Mort.* Et. Zonit. 1862. p. 10. — *Mouss.* Coq. Schläfli II. p. 25, cum var.: *selectus* (major, umbilico paulo minore, sutura minus impressa, albescens-cornea.) — Gallia, Britannia, etc. (III. 86.)

666. (472.) **nitens** **Mich.** (Coll. Nr. 274.) *H. nitida* *Risso?*, *pudiosa* *Zgl.*, *hiulca* *Jan.* — *Hyalina nitens* (*Hyalina*) *A*<sup>2</sup>. 68. — *Zonites hiulcus* *Mort.* Et. Zonit. p. 5 et *Z. nitens* *Mort.* ibid. p. 6. — Germania, Gallia, etc. (I. 92.)

### 667. **H. deila** **Bourguignat.** †

«T. umbilicato-perforata, depressa, argutissime striatula, fulvo-olivacea, subtus olivaceo-lactescente, fragili, diaphana; anfractibus 6; ultimo majore; apertura obliqua, semirotundata, magna; peristomate acuto, simplice, non reflexo. — Alt. 6, diam. 11 mill.» (B.)

*Zonites deilus* *Bourg.* in Rev. et Mag. Zool. 1857. p. 9. t. 8. f. 7 — 9.

Habitat prope Sebastopolim (Raymond).

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668. (473.) **glaberrima** **Pfr.** — *Nanina glaberrima* (*Thalassia*) *A*<sup>2</sup>. 59. — Ins. Salomonis. (IV. 79.)

669. (474.) **lenis** **Shuttl.** (Coll. Nr. 275.) Ins. Palma. (IV. 80.)

670. (475.) **margaritacea** **A. Schm.** (Coll. Nr. 276.) *Hyalina margaritacea* (*Hyalina*) *A*<sup>2</sup>. 68. — *Hyalina margaritacea* *Mörch* Moll. Dan. p. 12. — Germania. (III. 87.)

(476. *problematica* *Pfr.* delenda! Est status juvenilis *Registomatis grandis* *Gray.* Conf. *Martens* in Malak. Bl. XI. 1864. p. 109.)

671. (477.) **Woodiana** **Pfr.** — *Nanina Woodiana* (*Orobia*) *A*<sup>2</sup>. 58. — Ceylon. (III. 87.)

672. (478.) **Annatonensis** **Pfr.** — Nov. Hebrid. (IV. 80.)

673. **H. corneo-fulva Pfr.**

T. umbilicata, suborbicularis, depressa, tenuis, leviter (ad suturam distinctius) striatula, nitida, pellucida, corneo-fulva; spira vix elevata; sutura impressa; anfr. 5 convexiusculi, regulariter accrescentes, ultimus subdepresso-rotundatus; umbilicus angustus, pervius,  $\frac{1}{6}$  diametri vix superans; apertura parum obliqua, rotundato-lunaris; perist. simplex, rectum, marginibus remotis, columellari arcuatum declivi, superne vix dilatato. — Diam. maj.  $9\frac{1}{2}$ , min.  $8\frac{1}{4}$ , alt.  $4\frac{1}{3}$  mill. (Coll. Nr. 277.)

*Helix corneo-fulva* Pfr. in Malak. Bl. VIII. 1861. p. 148; Novit. conch. Fasc. XXVI. p. 325. Nr. 441. t. 78. f. 11—13.

Habitat «Bay of Islands» Novae Seelandiae (Hochstetter).

674. **H. sinulabris Martens. †**

«Testa depressa, mediocriter umbilicata, leviter striatula, nitida, corneofulva, subtus paulum pallidior; spira obtusa, parum elevata; sutura zona albida et linea impressa marginata; anfr. 5, convexiusculi, ultimus rotundatus; apertura diagonalis, oblique lunata; peristoma rectum, acutum, flexuosum, margine supero convexo, basali versus insertionem retrorsum sinuato, dein rursus dilatato. — Diam. maj. 9, min. 8, alt.  $4\frac{1}{2}$ , apert. long. et lat.  $4\frac{1}{2}$  mill.» (v. M.)

*Hyalina sinulabris* Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 53; Ostas. Zool. II. p. 73.

Habitat Siam, inter Bangkok et Petshaburi.

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675. (479.) **nitidula Drap.** (Coll. Nr. 278.) *H. nitida* Friele. — *Hyalina nitidula* (Hyalina) A<sup>2</sup>. 69. — Biele Faun. Siebenb. p. 38. — *Zonites nitidulus* Mort. Et. Zonit. p. 7. — *Hyalinia nitidula* Mörch Moll. Dan. p. 13. — *Hyalinia lucens* et *Helmii* Mörch ibid.? — Europa media. (I. 93.)

676. (480.) **Ochsenii Phil. †** — Chile. (IV. 81.)

677. **H. mitiuscula Martens. †**

«Testa anguste umbilicata, convexo-depressa, tenuis, vix striatula, nitida, succineo-flava; spira parum elevata, obtuse convexa; sutura albido-marginata; anfr.  $4\frac{1}{2}$ , vix convexi, sensim accrescentes, ultimus subdepresso-rotundatus; apertura vix obliqua, oblique lunata; peristoma simplex, rectum, margine columellari *subperpendiculari*, paululum reflexo. — Diam. maj.  $7\frac{1}{2}$ , min. 6, alt. 4; apert. long. et lat.  $3\frac{2}{3}$  mill.» (v. M.)

*Nanina mitiuscula* (Orobia) Mart. Ostas. Zool. II. p. 73. t. 12. f. 10.

Habitat Siam.

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678. (481.) **insignis Orb.** † — Columbia. (I. 58.)  
 679. (482.) **nitida Müll.** (Coll. Nr. 279.) *H. lucida* Drap. Hist., *succinea* Stud., *nitescens Andr.*, *hydrophila* Ing. — *Hyalina lucida* (Hyalina) A<sup>2</sup>. 69. — *Bielz* Faun. Siebenb. p. 40. — *Zonites nitidus* Mort. Et. Zonit. 1862. p. 8. — *Zonitoides nitidus* Lehm. in Malak. Bl. IX. 1862. p. 111. — *Mörch* Moll. Dan. p. 14; Journ. Conch. XIII. p. 380. (I. 94.)  
 680. (483.) **Besckei Dunk.** (Coll. Nr. 280.) Brasilia. (I. 439.)  
 681. (484.) **simplicula Mor.** (Coll. Nr. 281.) *Hyalina simplicula* (Hyalina) A<sup>2</sup>. 69. — Lusitania. (I. 94. III. 88.)  
 (485. *placentula* Shuttl. vid. *H. capsella* Gould Nr. 715.)  
 682. (486.) **arborea Say.** (Coll. Nr. 282.) *Hyalina arborea* (Hyalina) A<sup>2</sup>. 69. — America borealis. (I. 95.)  
 683. (486β.) **Ottonis Pfr.** (Coll. Nr. 283.) Pfr. in Wieg. Arch. 1841. p. 251. — Gould in Binn. Terr. Moll. II. p. 238. t. 29a. f. 3. — *H. arborea* var. Pfr. Mon. Hel. IV. p. 81. — *Hyalina Ottonis* (Hyalina) A<sup>2</sup>. 69. — Cuba, Florida.  
 684. (487.) **bryodes Shuttl.** † — *Hyalina bryoides* (Hyalina) A<sup>2</sup>. 69. — Portorico. (IV. 81.)  
 685. (488.) **vortex Pfr.** (Coll. Nr. 284.) Microphysa A<sup>2</sup>. 82. — *H. selenina* Gould, *otellina* Riise. — Cuba, etc. (I. 95.)  
 686. (489.) **bracteola Fér.** † — Martinique. (III. 88.)  
 687. (490.) **alveus Ad.** — Microphysa A<sup>2</sup>. 82. — Jamaica. (III. 89.)  
 688. (491.) **peraffinis Ad.** (Coll. Nr. 285.) Microphysa A<sup>2</sup>. 82. — Jamaica. (I. 95.)  
 689. (492.) **subaquila Shuttl.** (Coll. Nr. 286.) Microphysa A<sup>2</sup>. 82. — Portorico, St. Thomas. (IV. 82.)  
 690. (493.) **spreta Ad.** (Coll. Nr. 287.) Microphysa A<sup>2</sup>. 82. — Jamaica. (III. 89.)

691. **H. Vitiensis Mousson.** †

«T. parva, umbilicata, depressa, tenuis, pellucida, striatula, nitidiuscula, pallide cornea, concolor. Spira depresso-convexa, regularis; summo minuto, obtuso; sutura simplici, impressa. Anfr. 5, modice accrescentes, convexiusculi; ultimus non descendens, depresso-rotundatus, subtus convexiusculus. Apertura subobliqua, transverse lunato-ovalis. Perist. rectum, acutum; marginibus non approximatis, libero regulariter arcuato, columellari ad umbilicum mediocrem nullo modo reflexo. — Diam. maj. 5, min.  $4\frac{1}{4}$ , alt. 3 mill.» (M.)

*Zonites Vitiensis* Mouss. in Journ. Conch. XIII. 1865. p. 193.

Habitat in insulis Fidji: Viti-Lewou (Gräffe).

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692. (494.) **Santanaënsis Pfr.** — Nova Granada. (IV. 82.)  
 693. (495.) **inconspicua Ad.** (Coll. Nr. 288.) Microphysa A<sup>2</sup>. 82. — Jamaica. (III. 89.)  
 694. (496.) **brevior Ad.** — Microphysa A<sup>2</sup>. 82. — *H. depressa* Ad. — Jamaica. (III. 89.)  
 695. (497.) **ceroides Pfr.** — Juan Fernandez. (III. 632.)  
 696. (498.) **sincera Ad.** — Microphysa A<sup>2</sup>. 82. — Jamaica. (III. 90.)  
 697. (499.) **invasa Pfr.** † — *H. pellucida* Ad. (I. 96.) — Jamaica.



698. **H. Kutschigi Parreyss.**

T. anguste umbilicata, depressa, subdiscoidea, levissime striatula, nitida, hyalina; spira vix elevata, vertice subtili; sutura impressa, submarginata; anfr. 6 convexiusculi, arcte convoluti, ultimus non descendens, subtus paulo convexior; apertura parum obliqua, anguste lunaris; perist. simplex, rectum, margine supero brevissimo, basali usque ad insertionem subaequaliter arcuato. — Diam. maj. 5, alt. 2 mill. (Coll. Nr. 289.)

*Helix Kutschigi* Parr. mss.; *Pfr.* in Malak. Bl. XII. 1865. p. 104.

Habitat in insula Lacroma prope Ragusam.

Obs. Superne persimilis *H. hyalinae* Fér., sed sublata umbilicata.

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699. (500.) **pura Ald.** (Coll. Nr. 290.) *H. nitidosa* Fér., *lenticula* Held, *electrina* Gould, *viridula* Menke, *clara* Held. — *Hyalina nitidosa* (Hyalina) A<sup>2</sup>. 69. — Bielz Faun. Siebenb. p. 39. — *Hyalinia pura* Mörch Moll. Dan. p. 43. — Europa media. (I. 96.)

Obs. Quoad *H. viridulam* «Mk.» Wallenb. vid. Nr. 744.

700. (501.) **radiatula Ald.** (Coll. Nr. 291.) *H. Hammonis* Ström. — *Helix pura* β. *Pfr.* Mon. I. p. 96. — *Zonites striatulus* Stab. Prosp. moll. Lugan. p. 49. — *Zonites radiatulus* Mort. Et. Zonit. 1862. p. 9. — *Hyalinia Hammonis* Mörch Moll. Dan. p. 43; Journ. Conch. XIII. p. 380. — Europa media.

701. (502.) **brevis Adams.** — *Sagda brevis* (Hyalosagda) A<sup>2</sup>. 77. — Jamaica. (III. 90.)

702. (503.) **parvula Rang.** † — Promont. Viride. (I. 97.)

703. (504.) **minuscule Binn.** (Coll. Nr. 292.) *Binn.* Terr. Moll. IV. p. 402. — Microphysa A<sup>2</sup>. 82. — America bor. — Var.: *H. apex* Ad., *minutalis* Mor.: Cuba, Jamaica. (I. 444.)

704. **H. hilum Weinland et Martens.**

«Testa anguste umbilicata, depressa, tenuis, nitida, hyalina; spira parum elevata; anfr.  $4\frac{1}{2}$ —5, convexiusculi, ultimus obtuse angulatus, infra inflatus, antice non descendens; apertura parum obliqua, late lunaris; peristoma simplex, rectum, margine columellari reflexiusculo. — Diam. maj.  $2\frac{1}{2}$ , min. 2, alt.  $1\frac{1}{3}$ , umbilici latitudo  $\frac{1}{2}$  mill.» (v. M. — Coll. Nr. 293.)

*Hyalina hilum* Weinl. et Mart. in Malak. Bl. VI. 1859. p. 49.

Habitat in insula Haiti (Dr. Weinland).

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705. (505.) **Kawaiensis Pfr.** (Coll. Nr. 294.) Ins. Sandwich. (IV. 84.)

706. (506.) **pygmaea Drap.** (Coll. Nr. 295.) Patula A<sup>2</sup>. 85. — Bielz Faun. Siebenb. p. 49. — Bourg. in Rev. et Mag. Zool. XV. 1863.

p. 181. \*) t. 18. f. 1—4. — *Discus pygmaeus* (Delomphalus) Mörch Moll. Dan. p. 15; Journ. Conch. XIII. p. 382. — Europa media. (I. 97.)

706 a. **H. Aucapitainiana Bourguignat. †**

«Testa pygmaea, pervio-umbilicata, depresso-compressa, cornea, translucida, oblique striatula praesertim supra; spira fere complanata; apice obtuso, laevigato, pallide corneo; anfractibus  $4\frac{1}{2}$  ad 5 supra vix convexiusculis, celeriter crescentibus, sutura impressa separatis; ultimo maximo, dilatato, in medio obscure vix subangulato, ad aperturam lente regulariterque vix descendente; apertura parum obliqua ac lunata, rotundata; peristomate simplice, recto; margine columellari expanso ac reflexiusculo; marginibus callo sat valido junctis. — Alt. 1, diam. 2 mill.» (B.)

*Helix Aucapitainiana Bourg.* in Rev. et Mag. Zool. XV. 1863. p. 105. t. 6. f. 6—9; Malac. Algér. Fasc. II.

Habitat in Algeria.

706 b. **H. Massoti Bourguignat. †**

«Testa valde minutissima, late pervio-umbilicata, compressa, supra fere complanata, subpellucida, subnitida, pallide cornea, laevigata (sub lente non striatula, vel vix argutissime striolata); spira fere plana, vix convexa, obtusissima; apice obtuso, laevigato; anfractibus  $4\frac{1}{2}$  convexis, lente ac regulariter crescentibus, ad suturam valde profundam sicut canaliferis; ultimo minuto, rotundato, ad aperturam lente descendente; apertura parum obliqua, valde lunata, rotundata; peristomate recto, simplice, acuto; margine columellari paululum expansiusculo; marginibus valde remotis. — Alt. 1, diam.  $1\frac{1}{2}$  mill.» (B.)

*Helix Massoti Bourg.* in Rev. et Mag. Zool. XV. 1863. p. 182. t. 18. f. 5—8.

Habitat circa Perpignan (Pyrenaeae orientales).

Obs. Differt ab *H. pygmaea* testa minore, spira minus convexa, anfractibus lentius et magis regulariter crescentibus, ultimo leviter descendente, apertura rotundiore, tam alta quam lata et praecipue sutura profunda.

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\*) «Testa minutissima, late pervio-umbilicata, depressa, subpellucida, subnitida, cornea, adeo minutissime striatula, ut striae sub lente vix sint perspicuae; spira convexa, obtusissima; apice minuto, laevigato, pallidiore; anfractibus  $4\frac{1}{2}$  convexiusculis, regulariter lenteque crescentibus, sutura bene impressa separatis; ultimo rotundato, antice non dilatato, nec descendente; apertura vix obliqua, late lunato-rotundata; peristomate recto, acuto, simplice. — Alt.  $1\frac{1}{4}$ , diam. 2 mill.» (B.)

707. (507.) **scintilla Lowe.** — *Hyalina scintilla* (Hyalina) A<sup>2</sup>. 69. — Madera. (III. 94.)  
 708. (508.) **minutalis Fér. †** — Tahiti. (III. 94.)  
 709. (509.) **subangulata Pfr.** — Vandiemensland. (IV. 84.)  
 710. (510.) **Antoni Pfr.** — Panama. (I. 98.)  
 711. (511.) **Hondana Pfr.** — Nova Granada. (IV. 84.)

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712. (512.) **excavata Bean.** (Coll. Nr. 296.) *Hyalina excavata* (Hyalina) A<sup>2</sup>. 69. — Britannia. (I. 98.)

713. **H. inermis Morelet. †**

«T. umbilicata, orbiculato-depressa, tenuis, nitida, subdiaphana, albida, levis; spira vix prominula; anfr. 4 planulati; ultimus depressus, subtus convexior; umbilicus 'apertus, pervius; apertura vix obliqua, depresso lunaris; peristoma simplex, acutum, rectum, margine columellari non dilatato. — Diam. maj. 6, min.  $5\frac{1}{3}$ , alt. 4 mill.» (M.)

*Helix inermis* Mor. in Journ. Conch. XII. 1864. p. 157.

Habitat Sierra Leone.

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714. (513.) **limatula Ward.** (Coll. Nr. 297.) *Hyalina limatula* (Hyalina) A<sup>2</sup>. 69. — *Hyalinia limatula* Mörch in Journ. Conch. XIII. p. 380. — Amer. bor. (I. 113. IV. 85.)  
 715. (514.) **capsella Gould.** (Coll. Nr. 298.) Conf. *Binn.* Terr. Moll. IV. p. 117. (Synon. *H. placentula* Shuttl., Pfr. Mon. III. p. 634.) — *H. rotula* Gould olim. — *Hyalina placentula* (Mesomphix) A<sup>2</sup>. 74. — Tennessee. (IV. 85.)

716. **H. Lyndhurstensis Cox. †**

«Hel. testa ampliter aperte umbilicata; pellucida, rotundato-depressa, obsolete striata, glabra, nitida; spira obtusoconvexa, fuscescente; anfractibus quatuor aut quinque, ultimo dilatato; apertura lunato-circulari; peristomate simplici, acuto. — Diam. maj. 0,16, alt. 0,06 unc.» (C.)

*Helix Lyndhurstensis* Cox Catal. Austr. landsh. 1864. p. 21.

Habitat Lyndhurst, Sydney Australiae (King).

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717. (515.) **crebriflammis Pfr.** (Coll. Nr. 299.) *H. infundibulum* Jacq.? — *Nanina crebriflammis* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (III. 94.)  
 718. (516.) **Coresia Gray.** (Coll. Nr. 300.) *Nanina coresia* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (III. 92.)  
 719. (517.) **Schwerzenbachi Calc.** (Coll. Nr. 301?) Sicilia. (I. 430.)

720. **H. Carmeliensis Pfr.**

T. anguste umbilicata, depressa, tenuis, sublaevigata, pellucida, cornea, rufo indistincte radiata; spira convexa; anfr.  $4\frac{1}{2}$

convexiusculi, lente accrescentes, ultimus rotundatus, non descendens; apertura obliqua, lunaris; perist. simplex, rectum, marginibus distantibus, columellari superne vix dilatato. — Diam. maj.  $3\frac{1}{4}$ , min. 3, alt. vix 2 mill. (Coll. Nr. 302.)

*Helix Carmeliensis* Pfr. in Proc. Zool. Soc. 1861. p. 21. (Malak. Bl. 1860. p. 233.)

Habitat in monte Carmel.

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721. (518.) **Germaini Phil.** ✧ — Chile. (IV. 86.)

722. (519.) **modicella Fér.** ✧ — Tahiti. (III. 92.)

723. **H. milium Morse.** ✧

«T. minuta, transparens, nitida, superne distincte et regulariter striata; epidermis viridescenti-alba; anfractus rotundati, rapide accrescentes, sutura profunde impressa; spira subelevata; lineae microscopicae anfractibus parallelae, subtus magis conspicuae; umbilicus latus, profundus, omnes anfractus monstrans; peristoma acutum. — Diam. 0,05, alt. 0,02.» (M.)

*Helix milium* Morse in Proc. Bost. Soc. Apr. 1859. VII. p. 28.

— — *Binn.* Terr. Moll. IV. p. 101. t. 79. f. 4. 5.

*Striatura milium* Morse in Journ. Portl. soc. 1864.

Habitat in Statu Maine Americae.

724. **H. ferrea Morse.** ✧

An species praecedenti nimis affinis?

*Striatura ferrea* Morse in Journ. Portl. soc. 1864.

Habitat in Statu Maine.

§. 32.

725. (520.) **Calcarae Ar.** et **Magg.** (Coll. Nr. 303.) *H. icterica* Ben. — *Hyalina Calcarae* (Mesomphix) A<sup>2</sup>. 71. — Sicilia. (IV. 86.)

726. (521.) **Zonites Pfr.** (Coll. Nr. 304.) *Hyalina zonites* (Edusa) A<sup>2</sup>. 72. — Mexico. (I. 99.)

727. (522.) **fricata Gould.** ✧ (Otia conch. p. 223.) — *Nanina fricata* (Thalassia) A<sup>2</sup>. 60. — New-South-Wales. (III. 93.)

728. (523.) **immunda Ad.** — Microphysa A<sup>2</sup>. 83. — Jamaica. (III. 93.)

729. (524.) **rufula Pfr.** — Microphysa A<sup>2</sup>. 83. — Jamaica. (III. 93.)

730. (525.) **Cypria Pfr.** (Coll. Nr. 305.) *Hyalina cypria* (Hyalina) A<sup>2</sup>. 69. — *Zonites cypricus* Mouss. Coq. Schläfli II. p. 23 cum var. *Koutaisiana* (major, supra satis striata, praecipue ad suturam pallide filosam; anfr.  $6\frac{1}{2}$ —7: ex Transcaucasia rossica).

731. (526.) **semicostulata Beck.** ✧ — Lusitania?, Canaria major. (III. 632.)

732. **H. Cottyi Morelet.** ✧

«T. umbilicata, globoso-depressa, irregulariter costulata, alba, corneo interruptim fasciata et apicem versus variegata;

spira obtuse conoidea, apice nitide cornea; anfractus 6 convexi, ultimus parum dilatatus; umbilicus mediocris, pervius; apertura lunato-rotunda, intus nitide candida; peristoma acutum, rectum. — Diam. maj. 44—45, min. 40 $\frac{1}{2}$ —43, alt. 7 $\frac{1}{2}$ —9 mill.» (M.)

*Helix Cottyi* Mor. in Journ. Conch. XII. 1864. p. 155.

Habitat ad ripas fluminis Isli Marocum et Algeriam delimitantis.

733. **H. Batesi Pfr.**

T. umbilicata, depressa, tenuis, dense et oblique plicatula, cornea, pliculis albidis; spira convexa, parum elata; anfr. 5 convexiusculi, regulariter accrescentes, ultimus non descendens, subdepressus, basi convexior; umbilicus latus,  $\frac{1}{4}$  diametri subaequans; apertura diagonalis, rotundato-lunaris; perist. simplex, rectum, margine basali arcuato, ad insertionem vix patente. — Diam. maj. 44, min. 9 $\frac{1}{2}$ , alt. 5 mill. (Mus. Cuming.)

*Helix Batesi* Pfr. in Proc. Zool. Soc. 1860. p. 135. (Malak. Bl. 1860. p. 233.)

Hab. ad fluvium Amazonum superiorem (Bates).

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734. (527.) **dumeticola Bens.** — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 93.)

735. (528.) **cosmia Pfr.** — Pella A<sup>2</sup>. 84. — *H. munda* Bens., *cerea* Pfr. — Promont. bonae spei. (III. 94.)

736. (529.) **textrix Pfr.** — Nov. Hebrid. (IV. 87.)

737. (530.) **Elliotti Redf.** (Coll. Nr. 306.) Ann. Lyc. N.-York 1856. VI. p. 170; 1858. t. 9. f. 8—10. — Georgia. (IV. 87.)

738. **H. Bombax Benson. †**

«Testa subaperte et profundissime umbilicata, subdepressa, superne oblique flexuose costulato-striata, subtus laevigata, albidula; spira convexiuscula, apice vix elevato, planulato, laevigato, sutura impressiuscula; anfractibus 5 $\frac{1}{2}$  convexiusculis, ultimo ad peripheriam rotundato, subtus convexo, circa umbilicum perspectivum vix subangulato; apertura parum obliqua, quadrato-lunata, peristomate tenui, recto, superne antrorsum arcuato, margine columellari vix oblique descendente, breviter expansiusculo, cum basali angulum obtusum efformante. — Diam. maj. 8, min. 6, axis 4 mill.» (B.)

*Helix Bombax* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859) p. 186. (Malak. Bl. 1859. p. 6.)

Habitat ad Maulmein, nec non ad Phie Than in provincia Tennasserim.

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739. (531.) **Hookeri Reeve** — Kerguelens-Island. (IV. 87.)

740. **H. Turneri Pfr.**

T. anguste et clause umbilicata, depressa, subdiscoidea, tenuiuscula, conferte plicato-costata, diaphana, nitidula, corneo-lutescens, rufo-variegata et ad suturam distincte maculata; spira vix elevata; sutura denticulata; anfr. 4 convexiusculi, regulariter accrescentes, ultimus subdepressus, non descendens, loco umbilici lamina vitrea obtectus; apertura fere diagonalis, subtriangulari-lunaris; perist. simplex, rectum, marginibus distantibus, supero antrorsum arcuato, basali medio denticulo albo munito, ad insertionem subdilato. — Diam. maj.  $7\frac{1}{4}$ , min.  $6\frac{1}{4}$ , alt. 3 mill.» (Coll. Nr. 307.)

*Helix Turneri* Pfr. in Proc. Zool. Soc. 1860. p. 135. (Malak. Bl. 1860. p. 234.)

Habitat in Nova Caledonia.

741. **H. occlusa Gassies. †**

«Testa angustissime umbilicata, depressa, subdiscoidea, tenuicula, superne oblique costulata, inferne radiata, apice nitida, luteo-brunnescens, maculis undatis, rufis variegata et ad suturam distincte maculata; spira vix elevata, sutura crispata, carinata; anfractus 4 convexiusculi, regulariter accrescentes, depressiusculi, ultimus non descendens; locus umbilici lamina vitrea obtectus; apertura obliqua, ovato-lunaris; peristoma simplex, rectum, marginibus distantibus, superiore antrorsum arcuato, basali subdeflexo. — Diam. maj. 6, min. 5, alt. 3 mill.» (G.)

*Helix occlusa* Gass. in Journ. Conch. XIII. 1865. p. 210.

Habitat in Nova Caledonia (Raynal).

Obs. «Differt ab *H. Turneri* Pfr. apertura callositate destituta, etc.»

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742. (532.) **Chiron Gray.** — *Nanina Chiron* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (III. 94.)

743. (533.) **paucilirata Mor. †** — Guatemala. (III. 94.)

744. (534.) **Petronella Charp.** (Coll. Nr. 308.) *H. viridula* Wallenb. in Malak. Bl. V. 1858. p. 92. t. 1. f. 1. 2. Non Menke. — *Hyalina viridula* (Hyalina) A<sup>2</sup>. 69. — *Hyalina Petronellae* Stab. Moll. viv. Piém. 1864. p. 34. — Alp. Helvetiae, Scandinavia. (III. 95.)

745. (535.) **pauzillus Gould. †** — *H. pusillus* Gould olim. — Ins. Sandwich. (IV. 88.)

746. (536.) **vernica Krauss.** (Coll. Nr. 309.) Pella A<sup>2</sup>. 84. — Pro mont. bonae spei. (III. 95.)



747. **H. Omphalion Benson.** †

«H. testa umbilicata, subgloboso-depressa, superne confertim oblique plicata, subtus striata, lucida, polita, viridescenti-cornea; spira subconvexa, sutura subprofunda, apice obtuso; anfractibus  $3\frac{1}{2}$ , convexis, ultimo rotundato; apertura obliqua, rotundato-lunata; peristomate tenui, acuto; margine columellari verticaliter descendente, late reflexo; umbilico angusto, profundo. — Diam. maj.  $4\frac{1}{2}$ , min. 4, axis  $2\frac{1}{2}$  mill.» (B.)

*Helix Omphalion Bens.* in Ann. and Mag. n. h. (Jun. 1864.)  
3 d. ser. XIII. p. 494.

Habitat prope Simonstown Promontorii bonae spei (Hawkins).

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748. (537.) **orthostoma Pfr.** (Coll. Nr. 310.) *Nanina orthostoma* (Orobis) A<sup>2</sup>. 58. — Ins. Philippin. (I. 99.)
749. (538.) **debilis Pfr.** (Coll. Nr. 311.) *H. fragilis Pfr.* Mon. I. p. 100. — Cuba.
750. (539.) **petrobia Bens.** — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 95.)
751. (540.) **incrustedata Poey.** (Coll. Nr. 312.) *Binn. Terr. Moll.* IV. p. 68. — *Microphysa* A<sup>2</sup>. 83. — *H. incrassata Reeve.* — *H. saxicola Gould* in *Binn. Terr. Moll.* II. p. 174. t. 29 a. f. 4! — Cuba (III. 632.)
752. (541.) **rariPLICATA Bens.** (Coll. Nr. 313.) Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 96.)
753. (542.) **sabuletorum Bens.** (Coll. Nr. 314.) Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 96.)
754. (543.) **cygnea Bens.** — *Nanina cygnea* (Thalassia) A<sup>2</sup>. 59. — Australia. (IV. 89.)
755. (544.) **sublesta Bens.** (Coll. Nr. 315.) Australia. (IV. 89.)
756. (545.) **Mazatlanica Pfr.** (Coll. Nr. 316.) *Bland* in Ann. Lyc. N.-York VIII. p. 164. f. 9. — *Patula* A<sup>2</sup>. 86. — Mazatlan. (IV. 89.)
757. (546.) **mutata Gould.** † — Brasilia. (I. 100.)
758. (547.) **radiella Pfr.** (Coll. Nr. 317.) *Patula* A<sup>2</sup>. 86. — *H. pardalina Desh., undulata Fér.* — Opara. (I. 100.)
759. (548.) **costellata Orb.** (Coll. Nr. 318.) *Patula* A<sup>2</sup>. 86. — Paraguay. (I. 101.)
760. (549.) **lyrata Couth.** † — Terra Ignea. (I. 101.)
761. (550.) **conspurcatella Mor.** † — Yucatan. (III. 97.)
762. (551.) **varicesa Pfr.** — Charopa A<sup>2</sup>. 87. — Nova Seelandia. (III. 97.)
763. (552.) **epsilon Pfr.** — Charopa A<sup>2</sup>. 87. — *H. caput-spinulae Reeve.* — Nova Seelandia. (III. 97.)
764. (553.) **Jungermanniarum Phil.** (Coll. Nr. 319.) Chile. (IV. 90.)
765. (554.) **pusilla Lowe.** (Coll. Nr. 320.) *Patula* A<sup>2</sup>. 85. — Madera. (I. 101.)
766. (555.) **porcina Say.** — America borealis. (III. 97.) — Vid. *H. hispida Linn.* Nr. 1123.

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767. (558.) **Kochi Pfr.** — Habitat? (I. 101.)

768. (557.) **solitaria Say.** (Coll. Nr. 321.) *Binn. Terr. Moll.* IV. p. 96.  
 — *Patula* A<sup>2</sup>. 86. — *Discus solitarius Mörch* in *Journ. Conch.*  
 XIII. p. 382. — *America borealis.* (I. 402.)

769. **H. Cooperi W. G. Binney.**

«Testa umbilicata, elevato-globosa, solida, striis obliquis incrementi et lineis spiralibus leviter intercidentibus notata, alba, ad peripheriam fascia unica, angusta, rufa cincta, aut fasciis et lineis rufis, volventibus, varie dispositis, ornata; sutura impressa; spira elevata; anfr. 5 convexi, ultimus rotundatus, ad aperturam valde descendens; umbilicus mediocris, pervius,  $\frac{1}{5}$  diam. maj. testae aequans; apertura perobliqua, circularis; perist. simplex, incrassatum, ad umbilicum reflexiusculum, marginibus valde approximatis, callo albo, crasso conjunctis. — Diam. maj. 45, min. 43, alt. 9 mill.» (Coll. Nr. 322.)

*Helix Cooperi Binn.* in *Proc. Ac. nat. sc.* May 1858. p. 415.  
 (Malak. Bl. 1859. p. 6.)

— — *Binn. Terr. Moll.* IV. p. 97. t. 77. f. 11.

— — *Bland et Coop.* in *Ann. Lyc. N.-York* VIII. 1864.  
 p. 367.

Habitat in provincia Nebraska Statuum Unitorum (Dr. Hayden).

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770. (558.) **alternata Say.** (Coll. Nr. 323.) *Binn. Terr. Moll.* IV. p. 98. — *Bland* in *Ann. Lyc. N.-York* VII. p. 424. — *Patula* A<sup>2</sup>. 86. — *H. radiata Gmel.*, *scabra Lam.*, *dubia M'Cull.* — *Anguispira alternata Morse* in *Journ. Portl. soc.* 1864. — *Discus alternatus Mörch* in *Journ. Conch.* XIII. p. 382. — *America borealis.* (I. 402.)
771. (559.) **strongylodes Pfr.** — *Texas.* (IV. 94.) — *H. alternata* var.? *Binn. Terr. Moll.* IV. p. 98. t. 77. f. 8.
772. (560.) **strigosa Gould.** — *Bland et Coop.* in *Ann. Lyc. N.-York* VII. p. 367. — *Patula* A<sup>2</sup>. 86. — *Oregon.* (IV. 94.)
773. (561.) **infecta Parr.** (Coll. Nr. 324.) *Pfr. Novit. conch. Fasc.* XXVI. p. 326. Nr. 442. t. 78. f. 14—16. — *H. alternata* var. *Binn. Terr. Moll.* IV. p. 98? — *Canada.* (IV. 94.)
774. (562.) **ptychomphala Pfr.** — *Rhytida* A<sup>2</sup>. 89. — *Australia.* (III. 98.)
775. (563.) **confusa Pfr.** — *Australia.* (IV. 92.)

776. **H. Leichardti Cox. †**

«Helix testa late et perspective umbilicata; depresso-globosa, solidiuscula; superne confertim oblique costulata, vix nitente, opaca, epidermide rufo-virescente induta; spira convexa; anfractibus  $4\frac{1}{2}$ , convexiusculis, gradatim increscentibus, tumidis, ultimo descendente, convexo, supra ad os modice depresso, obsolete angulato; apertura obliqua, irregulariter truncato-ovali; peristomate simplici, tenui, marginibus conniventibus. — Diam. maj. 4,40, min. 4,20, alt. 0,65 unc.» (C.)

*Helix Leichardti* Cox Catal. Austral. landsh. 1864. p. 35.  
Habitat in Australia (Dr. Leichardt).

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777. (564.) **Strangei** Pfr. — Rhytida A<sup>2</sup>. 89. — Australia. (III. 98.)

778. **H. Lincolniensis** Pfr.

T. umbilicata, subconoideo-depressa, tenuis, superne conferte rugoso-striata et subtilissime granulata, pellucida, unicolor castanea; spira subconoideo-elevata, vertice obtusulo; anfr. 5 convexiusculi, ultimus subdepresso-rotundatus, antice non descendens, subtus circa umbilicum angustum leviter radiato-striatus; apertura obliqua, rotundato-lunaris; perist. simplex, rectum, marginibus convergentibus, columellari superne in laminam reflexam fuscam dilatato. — Diam. maj. 22, min. 19, alt. 12 mill. (Coll. Angas.)

*Helix Lincolniensis* Pfr. in Proc. Zool. Soc. 1863. p. 527.

Habitat Port Lincoln Australiae.

Obs. Forma persimilis *H. Strangei*, umbilico angusto statim distinguenda.

779. **H. assimilans** Cox. †

«H. testa aperte et perspective umbilicata, depresso-globosa, tenui, nitidissima, pellucida, supra (et intus umbilicum) oblique creberrime costulata et epidermide rufo-flavescente induta, infra laevi, pallide viridi-cornea; spira angusta, convexa; anfractibus  $4\frac{1}{2}$ , convexiusculis, ultimo rotundato, ad os leviter, plano antice vix descendente; apertura obliqua, fere rotundata; peristomate simplici, superne et antice recto; margine columellari subreflexo. — Diam. maj. 0,75, min. 0,60, alt. 0,40 unc.» (C.)

*Helix assimilans* Cox in Proc. Zool. Soc. 1864. p. 595.

Habitat Clarence River Australiae (Macgillivray).

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780. (565.) **bullacea** Pfr. — Rhytida A<sup>2</sup>. 89. — Australia. (IV. 92.)

781. (566.) **lamprea** Pfr. — Vandiemensland. (IV. 93.)

782. **H. capillacea** Férussac.

T. umbilicata, depressa, tenuis, superne confertim et subtiliter costulato-striata, sericea, fulvo-cornea, strigis nonnullis saturatioribus signata; spira vix elevata; anfr. 4— $4\frac{1}{2}$  vix convexiusculi, celeriter accrescentes, ultimus non descendens, depresso-rotundatus, subtus sublaevigatus; umbilicus profundus,  $\frac{1}{5}$  diametri subaequans; apertura fere diagonalis, lunato-rotundata; perist. simplex, rectum, marginibus convergentibus,

supero leviter antrorsum arcuato, columellari vix dilatato, parum reflexo. — Diam. maj. 18, min. 14, alt. 7 mill. (Mus. Berol.)

*Helix capillacea* Fér., Pfr. Mon. Helic. III. p. 84. (IV. p. 76.)

Habitat Port Jackson (Finck 1859).

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783. (567.) **tiara Migh.** (Coll. Nr. 325.) Endodonta A<sup>2</sup>. 90. — Ins. Sandwich. — β. Minor, anfr. 4½; diam. maj. 8, min. 7, alt. 4 mill. «Bay of Islands» Novae Seelandiae (Hochstetter). (I. 85. III. 98.)

784. (568.) **discoides Less.** † — Nova Hibernia. (I. 102.)

785. (569.) **papillata Pfr.** — Habitat? (I. 103.)

786. (570.) **Georgiana Quoy.** † — Nova Hollandia. (I. 65. III. 99.)

### 787. **H. Strangeoides Cox.** †

«Hel. testa late et profunde umbilicata, depressa; flavo-cornea, superne confertim tenuissime striata, lineis minutissimis decussata; inferne laevigata; lineis obsoletis interne striatis; anfractibus quinque, ultimo declivi rotunde-convexo, ceteris planiusculis; apertura subobliqua, lunari-rotunda; peristomate tenui, simplici. — Diam. maj. 0,38, min. 0,32, alt. 0,16 unc.» (C.)

*Helix Strangeoides Cox* Catal. Austr. landsh. 1864. p. 20.

Habitat Moreton Bay Australiae (King).

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788. (571.) **Sudensis Pfr.** — Rossm. Icon. III. 17. p. 86\*). t. 82. f. 904. — Candia. (I. 103.)

789. (572.) **Frivaldszkyana Rossm.** — Patula A<sup>2</sup>. 85. — *H. convexa* Fér. — Rumelia. (I. 103.)

790. (573.) **camelina Bourg.** (Coll. Nr. 326.) Bourg. Cat. rais. p. 9. t. 1. f. 23—25. — *Zonites camelinus* Mouss. Coq. voy. Roth p. 3. — Syria. (IV. 93.)

791. (574.) **perspectiva Say.** (Coll. Nr. 327.) Binn. Terr. Moll. IV. p. 22. Margo peristomatis basalis in adultis tuberculo calloso munitus. Conf. Pfr. in Malak. Bl. 1860. p. 134. — Patula A<sup>2</sup>. 86. — *H. patula* Desh. — Amer. bor. (I. 103.)

792. (575.) **coma Gray.** (Coll. Nr. 328.) Charopa A<sup>2</sup>. 87. — Nova Seelandia, Vandiemensland. (III. 99.)

793. (576.) **costulifera Pfr.** (Coll. Nr. 329.) Ins. Nov. Caledoniae. (IV. 94.)

794. (577.) **filiola Fér.** † — Tonga. (III. 100.)

795. (578.) **striatella Anth.** (Coll. Nr. 330.) Binn. Terr. Moll. IV. p. 99. — Patula A<sup>2</sup>. 86. — America borealis. (I. 104.)

796. (579.) **Belcheri Pfr.** — Habitat? (I. 104.)

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\*) «Testa perspective umbilicata, convexo-orbiculata, corneo-lutescens, argute capillaceo-costulata; anfractus 6, teretiusculi; sutura excavata, demum non descendens; apertura late lunata, faux profunde coerulescenti-callosa; peristoma rectum, flexuoso-repandum, simplex, margine columellari subpatulo. — Alt. 7½, lat. 13 mill.» (Rm.)

797. **H. complementaria** Mousson. †

«T. parva, umbilicata, depressa, striis costulatis in rugis majoribus dispositis transversim ornata, radiis retrocurvatis albis et corneo-griseis picta. Spira convexo-depressa, regularis; summo minuto; sutura subimpressa, simplici. Anfr. 5, lente accrescentes, satis convexi; ultimus non descendens, supra declivis, fere convexiusculus, obtuse subangulatus, subtus plano-rotundatus. Apertura subverticalis, irregulariter sinuato-circularis. Perist. rectum, acutum; margine recto subincurvato, columellari non reflexo. Umbilicus regularis, pervius,  $\frac{1}{6}$  diametri aequans. — Diam. maj. 5, min.  $4\frac{1}{2}$ , alt. 3 mill.» (M.)

*Patula complementaria* Mouss. in Journ. Conch. XIII. 1865.  
p. 168. t. 14. f. 5.

Habitat in insula Upolu (Gräffe).

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798. (580.) **gradata** Gould. — Conf. *Mouss.* in Journ. Conch. XIII.  
p. 168. — Tongatabou. (I. 104.)

799. (581.) **runderata** Stud. (Coll. Nr. 331.) *Patula* A<sup>2</sup>. 85. — *Bielz* Faun.  
Siebenb. p. 49. — *Discus ruderatus* Mörch Moll. Dan. p. 15. —  
Europa media. — *Gerstf.* in Mém. prés. Ac. Pet. IX. p. 519:  
Sibiria. (I. 105.)

800. **H. pauper** Gould. †

«T. parva, discoidea, rufo-cornea, striis incrementi costulata, subtus calyculata; anfr.  $4\frac{1}{2}$  convexiusculis; sutura profunda. Apertura perobliqua, prona, rotundata; peristomate simplici. — Diam.  $\frac{3}{10}$ , axis  $\frac{1}{8}$  poll.» (G.)

*Helix pauper* Gould in Proc. Bost. Soc. VI. p. 423; Otia conch.  
p. 102.

— — (Patula) *Mart.* Ostas. Zool. II. p. 18.

Habitat Kamtschatka et in insula Jesso.

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801. (582.) **rotundata** Müll. (Coll. Nr. 332.) *Patula* A<sup>2</sup>. 86. — *Bielz*  
Faun. Siebenb. p. 49. — *Discus rotundatus* Mörch Moll. Dan.  
p. 15; Journ. Conch. XIII. p. 382. — Europa media. (I. 105.)

802. **H. quadrispira** Martens. †

«Testa late et perspective umbilicata, depressa, subangulata, confertim suboblique costulata, sericeo-nitidula (griseo-albida?), concolor; spira paulum convexa; anfr. 4, convexiusculi celeriter crescentes, sutura sat profunda discreti, ultimus angulo evanescente, infra magis convexus, antice sensim descendens; apertura valde obliqua, angulato-piriformis; peristoma rectum, obtusiusculum, marginibus conniventibus, supero stricto,

basali et columellari sat arcuatis. — Diam. maj.  $5\frac{1}{2}$ , min.  $4\frac{2}{3}$ , alt. 3; apert. long.  $2\frac{1}{3}$ , lat.  $1\frac{1}{2}$  mill.» (v. M.)

*Helix quadrispira* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 267.

*Patula quadrispira* (Rhytida) Mart. Ostas. Zool. II. p. 259. t. 13. f. 9.

Habitat in insula Ceram Moluccarum.

### 803. **H. Rhizophorarum Gassies.** †

«Testa umbilicata, depressa, lenticularis, tenuis, valide et regulariter striata, sordide cornea, immaculata; spira vix convexa, superne elevato-depressa, apice nitida, inferne rotundata; anfractus 6 constricti, regulariter accrescentes, ultimus non descendens; sutura impressa; umbilicus perspectivus; apertura lunaris, parum obliqua; peristoma simplex, rectum. — Diam. maj. 5, min.  $4\frac{1}{4}$ , alt.  $2\frac{1}{4}$  mill.» (G.)

*Helix Rhizophorarum* Gass. in Journ. Conch. XIII. 1865. p. 211.

Habitat «Port de France» Novae Caledoniae.

### 804. **H. vetula Gassies.**

T. sublate et aperte umbilicata, depressa, tenuiuscula, superne confertissime costulato-plicata, subtus radiato-striata, unicolor fusco-cornea; spira vix elevata, vertice plano, nitidulo; sutura profunda; anfr. fere 6 convexi, lente accrescentes, ultimus vix latior, non descendens; umbilicus  $\frac{1}{4}$  diametri superans; apertura parum obliqua, lunaris; perist. simplex, rectum, marginibus remotis, columellari vix dilatato. — Diam. maj. 4, min.  $3\frac{3}{4}$ , alt. vix 2 mill. (Coll. Nr. 333.)

*Helix vetula* Gass. in Journ. Conch. VII. 1858. p. 69. (Malak. Bl. 1859. p. 7.)

Habitat in Nova Caledonia (Béraud).

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805. (583.) **Chimmoi Pfr.** (Coll. Nr. 334.) Archip. Kermadec. (IV. 95.)

### 806. **H. Berendti Pfr.**

T. umbilicata, turbinato-depressa, solidula, hyalino-albida, superne dense costulata; spira subturbinata, vertice obtuso; anfr. 6 convexiusculi, lentissime accrescentes, ultimus non descendens, periphæria subangulatus, basi convexior, sublaevigatus; umbilicus perspectivus,  $\frac{1}{4}$  diametri superans; apertura obliqua, lunaris; perist. simplex, rectum, marginibus distantibus, columellari brevi, subverticali. — Diam. maj. 4, min.  $3\frac{1}{2}$ , alt. 2 mill. (Coll. Nr. 335.)



*Helix Berendti* Pfr. in Malak. Bl. VIII. 1864. p. 72. t. 4.  
f. 9—12.

Habitat Mirador, Veracruz reipublicae mexicanae (Dr. Berendt).

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807. (584.) **excisa** Pfr. (Coll. Nr. 336.) Nova Granada. (IV. 95.)

808. (585.) **gamma** Pfr. (Coll. Nr. 337.) Charopa A<sup>2</sup>. 87. — *H. buccinella* Reeve. — Nova Seelandia. (III. 100.)

809. **H. tau** Pfr.

T. late umbilicata, depressa, tenuiuscula, superne subdistanter costata-plicata, rufa, albido-tessellata; spira vix elevata, vertice minuto; anfr. 5 convexiusculi, lente accrescentes, ultimus teres, non descendens, subtus leviter striatus; apertura parvula, vix obliqua, lunaris; perist. simplex, rectum, marginibus vix convergentibus, columellari non dilatato. — Diam. maj. 3, min.  $2\frac{3}{4}$ , alt. 4 mill. (Coll. Nr. 338.)

*Helix tau* Pfr. in Malak. Bl. VIII. 1864. p. 148.

Habitat in Nova Seelandia (Hochstetter).

810. **H. cryophila** Martens.

« Testa aperte umbilicata, orbiculato-convexa, supra distincte costulata, costulis haud confertis, infra leviter striatula, cornea, diaphana, nitida; anfr.  $3\frac{1}{2}$ , convexi, spiram breviter prominulam efficientes, ultimus supra planiusculus, infra parum convexus, antice paulum deflexus; apertura diagonalis, subcircularis, peristoma simplex, rectum, acutum. — Diam. maj. fere 2, min.  $1\frac{1}{2}$ , alt.  $1\frac{1}{5}$ , apert. circa  $\frac{2}{3}$  mill. » (v. M.)

*Helix (Patula) cryophila* Mart. in Malak. Bl. XII. 1865. p. 182;  
XIII. 1866. p. 94.

Habitat in Abyssinia.

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811. (586.) **diminuta** Ad. (Coll. Nr. 339.) Microphysa A<sup>2</sup>. 82. — Jamaica. (III. 100.)

812. (587.) **arctispira** Pfr. — Stephanoda A<sup>2</sup>. 88. — Juan Fernandez. (I. 106.)

813. (588.) **tenuicostata** Shuttl. — Patula A<sup>2</sup>. 85. — Sardinia. (I. 107.)

814. (589.) **servilis** Shuttl. (Coll. Nr. 340.) Patula A<sup>2</sup>. 85. — Teneriffa. (III. 101.)

815. (590.) **corticaria** Phil. † — Chile. (IV. 95.)

816. (591.) **musculicola** Phil. (Coll. Nr. 341.) Chile. (IV. 96.)

817. (592.) **exigua** Phil. (Coll. Nr. 342.) Chile. (IV. 96.)

818. (593.) **hypophloeia** Phil. (Coll. Nr. 343.) Chile. (IV. 96.)

819. (594.) **bryophila** Phil. (Coll. Nr. 344.) Chile. (IV. 97.)

820. **H. conspecta Bland. †**

«T. umbilicata, subdepressa, tenuis, oblique subdistanter costulato-striata, intervallis sub lente striatulis, fusco-cornea; spira convexa, apice obtusa, levi; sutura profunda; anfr. 4 convexi, lente accrescentes, ultimus latior, rotundatus, antice vix descendens; umbilicus  $\frac{2}{7}$  diametri fere aequans; apertura obliqua, rotundato-lunaris; perist. simplex, rectum, marginibus subconniventibus, columellari superne vix dilatato. — Diam. maj. 2, min.  $1\frac{3}{4}$ , alt. 4 mill.» (Bl.)

*Helix conspecta Bland* in Ann. Lyc. N.-York (Nov. 1865.) VIII. p. 163. f. 7.

Habitat San Francisco Californiae (Rowell).

## §. 33.

821. **H. Neptunus Pfr.**

T. mediocriter umbilicata, depressa, solidula, striis incrementi et lineis spiralibus subtilissime foveolata, fulva, nitidula; spira breviter conoidea, obtusula; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus non descendens, inflatus, periphæria obsolete subangulatus, subtus interdum fasciis nonnullis angustis rufescentibus pictus; apertura obliqua, late lunaris, intus nitide margaritacea; perist. simplex, rectum, marginibus subconniventibus, basali non dilatato, columellari leviter fornicato-reflexo. — Diam. maj. 74, min. 63, alt. 44 mill. (Mus. Cuming.)

*Helix Neptunus Pfr.* in Proc. Zool. Soc. 1864. p. 190; Novit. conch. p. 176. Nr. 277. t. 48. f. 1. 2.

Habitat Siam (Mouhot).

Obs. Persimilis *H. pernobili* Fér. (pl. 74. f. 4), sed apertura minore et margine basali peristomatis non reflexo discrepans.

822. **H. Pluto Pfr.**

T. umbilicata, depressa, solidula, superne striis spiralibus et aliis antrorsum descendentibus minute sculpta, nitidula, fusco-nigricans, fasciis nonnullis pallidioribus notata; spira breviter conoideo-elevata, vertice obtusulo; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus magnus, supra medium distincte angulatus, subtus convexus, lutescens, circa umbilicum angustum striis spiralibus subundulatis sculptus; apertura obliqua, rotundato-lunaris, intus concolor, margaritacea; perist. simplex, rectum, marginibus convergentibus, columellari ad insertionem breviter fornicato-reflexo. — Diam. maj. 64, min. 49, alt. 30 mill. (Mus. Cuming.)

*Helix Pluto* Pfr. in Proc. Zool. Soc. 1862. p. 268; Novit. conch. p. 210. Nr. 311. t. 55. f. 8. 9.

Habitat «Lao Mountains» Cambojæ (Mouhot).

Obs. Differt ab *H. Neptuno* sculptura, umbilico minore, angulo anfractus ultimi distincto, etc.

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823. (595.) **Belangeri** Desh. † — *Nanina Belangeri* (Xesta) A<sup>2</sup>. 51. — Malabar. (I. 69.)

824. (596.) **euryomphala** Pfr. — *H. cymbalum* Mor. — *Zonites euryomphalus* (Moreletia) A<sup>2</sup>. 67. — *Moreletia euryomphala* Mörch in Journ. Conch. XIII. p. 384. — Guatemala. (I. 107.)

825. **H. undosa** W. Blanford. †

«Testa anguste umbilicata, depressa, solidula, albida (viva cornea?), sculptura irregulari sinuosa spirali peculiariter notata, striis incrementi obliquis decussata. Spira perdepresse conoidea, apice obtuso, sutura impressa. Anfr. 5 subconvexi, subrapide accrescentes, ultimus latior, peripheria et subtus rotundatus, basi radiatim modo striata. Apertura diagonalis, late lunaris, aequè alta et lata; perist. simplex, acutum, marginibus distantibus, callo junctis, columellari obliquo, superne breviter reflexo. — Diam. maj. 36, min. 34, alt. 24 mill.» (Bl.)

*Nanina* (*Hemiplecta*) *undosa* W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 4.

Habitat Ava.

826. **H. Newberryana** G. W. Binney.

T. umbilicata, depressa, solida, striis incrementi et spirilibus sub lente levissime granulato-decussata, sub epidermide nigra vel rufo-brunnea alba; spira vix elevata; anfr. 6 convexiusculi, regulariter accrescentes, ultimus subdepresso-rotundatus, antice vix descendens, intra aperturam distinctius et confertissime spiraliter striatus; umbilicus apertus,  $\frac{1}{4}$  diametri subaequans; apertura obliqua, rotundato-lunaris, intus margaritaceo-albida; perist. simplex, rectum, intus subcallosum, marginibus conniventibus, callo tenui junctis, columellari superne subdilato. — Diam. maj.  $34\frac{1}{2}$ , min. 30, alt. 13—14 mill. (Coll. Nr. 345.)

*Helix Newberryana* W. G. Binn. in Proc. Ac. Philad. May 1858. p. 46 (Pfr. in Malak. Bl. 1859. p. 7); Terr. Moll. IV. p. 20. t. 76. f. 7.

Habitat in California.

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827. (597.) **Walkeri** Gray. † — *Rhytida* A<sup>2</sup>. 89. — Nova Hollandia. (I. 107.)

828. (598.) **fuscosa Ziegl.** (Coll. Nr. 346.) *Hyalina fuscosa* (Mesomphix) A<sup>2</sup>. 71. — Italia, Corsica. (I. 108.)

829. **H. Duboisi Charpentier.** †

«T. anguste umbilicata, depressa, nitida, sub lente lineis concentricis confertis minutis decussata, nitida, lutescenti-cornea, subtus albida; anfr. 5½ convexiusculi, ultimus valde dilatatus, basi subplanatus; apertura obliqua, ovato-lunaris; peristoma simplex, acutum, margine columellari vix patente. — Diam. maj. 22, min. 18, alt. 12 mill.» (Ch.)

*Zonites Duboisi Charp.* Cat. nr. 15; *Mouss.* Coq. Schläfli II. p. 23. Conf. *Mouss.* Coq. Roth p. 5.

*Helix approximans Parr.* in sched.

*Hyalina approximans* (Mesomphix) *Alb. Hel.* ed. *Mart.* p. 71.

Habitat Koutais Transcaucasiae.

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830. (599.) **superflua Rossm.** (Coll. Nr. 347.) *Hyalina superflua* (*Hyalina*) A<sup>2</sup>. 69. — Creta. (III. 101.)

831. **H. Fischeri Gassies.** †

«Testa orbicularis, subdepressa, carinata, late umbilicata: umbilico anfractum ultimum monstrante; fusco-lutea, transverse fortiter striata et sulcis 2—3 percurrentibus, praesertim in anfractibus posterioribus, reticulata, apice laevigato, luteo-fusco; apertura ovalis, obliqua, latior quam alta, intus albida vel subrosea; perist. simplex vel vix limbatum, margine columellari paullulum crassiore et magis expanso. — Diam. 18, alt. 6—8 mill.» (G. gall.)

*Helix Fischeri Gass.* in *Journ. Conch.* VI. p. 271. t. 9. f. 1. 2. (Malak. Bl. 1859. p. 7.)

— — (Rhytida) *Alb. Hel.* ed. *Mart.* p. 89.

Habitat in Novae Caledoniae sylvis.

832. **H. Beraudi Gassies.** †

«T. orbicularis, depressa, subcarinata, late umbilicata: umbilico anfractum primum monstrante; superne aurea, subtus fuscescens; strigae incrementi numerosae, inaequales, fuscae; striae rugosae, elevatae, sulcis crebris (basi magis conspicuis) decussatae; apex depressus, fuscus; anfr. 6 conferti, ultimus dilatatus; sutura inflexa, ad insertionem crispata; apertura subrotundata, obliqua, superne angulosa, basi rotundata et dextrorsum fortiter inclinata, intus nitida, roseo-vinosa; perist. simplex. — Diam. 18, alt. 10 mill.» (G. gall.)

*Helix Beraudi* Gass. in Journ. Conch. VII. 1858. p. 68. (Malak. Bl. 1859. p. 8.)

Habitat Balade Novae Caledoniae.

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833. (600.) **subrudis** Pfr. — Habitat? (IV. 97.)

834. (601.) **Arthurii** Pfr. — *H. obscurata* Ad. et Rv., tradita Reeve. — *Patula obscurata* (Macrocycloides) Mart. Ostas. Zool. II. p. 260. — Borneo. (III. 102.)

835. (602.) **dierama** Pfr. — Habitat? (I. 108.)

836. (603.) **circumsessa** Shuttl. (Coll. Nr. 348.) *Patula* A<sup>2</sup>. 86. — Teneriffa, Palma. (III. 102.)

### 837. **H. testudinaria** Gassies. †

«Testa orbicularis, rotunda, regularis, ecarinata, late et profunde umbilicata, transverse striata, longitudinaliter sulcata, reticulata, in fundo griseo-rubescens fasciis 3, una mediana, 2 inferis ornata; anfr. 5 regulariter accrescentes; sutura linearis. Apertura subobliqua, rotundata. Peristoma simplex, membranaceum. — Alt. 6, diam. 9 mill.» (G. gall.)

*Helix testudinaria* Gass. in Journ. Conch. VII. 1858. p. 368.

Habitat Balade Novae Caledoniae.

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838. (604.) **hemipsorica** Mor. † — Algeria. (IV. 98.)

### 839. **H. multisulcata** Gassies.

T. sublate umbilicata, depressa, tenuiuscula, leviter striatula et lineis spiralibus impressis reticulata, parum nitida, lutescenti-cornea, interdum brunneo strigata; spira parum elevata, vertice minuto; sutura submarginata, crispula; anfr. 5 planiusculi, sensim accrescentes, ultimus depresso-rotundatus, antice non descendens, basi parum convexior; umbilicus conicus,  $\frac{1}{4}$  diametri superans; apertura obliqua, lunari-ovalis; perist. simplex, marginibus convergentibus, supero antrorsum arcuato, subinflexo, basali intus callo subdentiformi munito. — Diam. maj. 11, min.  $9\frac{2}{3}$ , alt. 4 mill. (Coll. Nr. 349.)

*Helix multisulcata* Gass. in Journ. Conch. VI. 1857. p. 272. t. 9. f. 3. 4 (Malak. Bl. 1859. p. 8); VII. 1858. p. 69 in adnot.

Habitat in Nova Caledonia (Magen), ins. Art (Montrouzier).

### 840. **H. Artensis** Souverbie. †

«Testa umbilicata, orbiculato-depressa, tenuis, subpellucida, corneo-subfulva, undique subtiliter oblique striatula, prope suturam subplicatula, superne spiraliter tenuissime striatula; spira

vix elevata; sutura simplex, submarginata; anfr.  $4\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus subrotundatus, antice non descendens, periphæria obtuse subangulatus, basi convexior; apertura obliqua, subcircularis, obtuse subangulata; perist. simplex, tenue, rectum, marginibus remotis, dextro subsinuato, columellari arcuato, superne subverticali, circa umbilicum angustissimum, pervium, in laminam fornicatam reflexo. — Diam. maj.  $7\frac{1}{2}$ , min.  $6\frac{1}{2}$ , alt. 5 mill.; apert.  $4\frac{1}{2}$  mill. lata, 4 alta.» (S.)

*Helix Artensis* Souv. in Journ. Conch. VII. 1859. p. 289.

Habitat in insula Art Archipelagi Novae Caledoniae.

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841. (605.) **ignava** Pfr. — Nov. Hebrid. (IV. 98.)

842. (606.) **Chiliensis** Mlf. (Coll. Nr. 350.) Patula A<sup>2</sup>. 86. — Chile. (I. 109.)

843. (607.) **Egesta** Gray. (Coll. Nr. 351.) Charopa A<sup>2</sup>. 88. — Nova Seelandia. (III. 102.)

844. (608.) **obnubila** Reeve. — *H. sigma* Pfr. — *Nanina obnubila* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (III. 633.)

#### 845. **H. Neherensis** Benson. †

«H. testa anguste et perspective umbilicata, depressa, lenticulari, oblique striatula, lineis concentricis vix impressis, confertissimis, superne et inferne decussata; spira convexiuscula, apice planato, sutura marginata subcanaliculata; anfractibus 5, convexiusculis, ultimo ad peripheriam rotundato, subtus convexo, circa umbilicum excavato; apertura obliqua, late lunata; peristomate tenui, recto, marginibus callo tenui minutissime granulato junctis; columellari subverticali, brevi, reflexiusculo. — Diam. maj. 5, min. 4, axis 2 mill.» (B.)

*Helix Neherensis* Bens. in Ann. and Mag. n. h. (Mart. 1864) 3d. ser. XIII. p. 210.

Habitat Neher, Mahabaleshwar in regione occidentali Indiae (Fairbank).

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846. (609.) **Coiguecana** Phil. † — Chile. (IV. 98.)

847. (610.) **exigua** Stimps. (Coll. Nr. 352.) Binn. Terr. Moll. IV. p. 102. t. 77. f. 19. — Patula A<sup>2</sup>. 86. — *H. annulata* Case. — *Pseudohyalina exigua* Morse in Journ. Portl. soc. 1864. — Massachusetts. (III. 102.)

#### §. 34.

848. (611.) **calculus** Pfr. — Habitat? (IV. 99.)



849. **H. polycycla Morelet.** †

«Testa latissime umbilicata, discoidea, polygyrata, utrinque concava, confertim striata, parum nitens, cereo-cornea; anfr. 7 convexi, sutura profunda discreti, lente crescentes; ultimus subdepressus, non descendens; umbilicus late concavus; apertura diagonalis, oblique semilunaris; peristoma simplex, rectum, margine supero sinuato, columellari regulariter arcuato. — Diam. maj. 15, min. 13, alt. 4 mill.» (M.)

*Helix polycycla* Mor. in Journ. Conch. VIII. 1860. p. 372;  
Sér. conch. Livr. III. 1863.

Habitat in intima Peruviae regione (Angrand).

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850. (612.) **tessellata Mühlf.** (Coll. Nr. 353.) *Stephanoda* A<sup>2</sup>. 88. —  
*H. contortula* Fér. — Juan Fernandez. (I. 117.)

851. **H. Montrouzieri Souverbie.** †

«Testa profunde latissimeque perumbilicata, subconoideo-orbiculata, depressa, planorboidea, biconcava, tenuis, subdiaphana, pallide cornea, oblique et minutissime unduloso-striatula; spira perdepressa, medio profunde immersa, perinfundibularis, apice laevigato; anfr. 8—8½ angustissimi, vix convexiusculi, omnes, infra supraque in infundibulum immersi, scalares, carinati (carina plicato-corrugata extus intusque marginata), ab anfractu praecedenti sutura profunde impressa separati; apertura obliqua, teretiuscula, subfissurata (alt. 4 mill., lat. vix ⅔ mill.), inferne latior quam superne. — Perist. simplex, unduloso-sinuatum, marginibus remotis, callo arcuato (tantum duplex) a margine dextro remoto junctis. — Diam. maj. 8, min. 7½, alt. 4 mill.» (S.)

*Helix Montrouzieri* Souv. in Journ. Conch. VII. 1858. p. 63.  
t. 8. f. 7. (Malak. Bl. 1859. p. 9.)

— *biconcava* Gass. mss. (ib. p. 68.)

Habitat in insula Art Novae Caledoniae (P. Montrouzier).

Obs. Conf. *H. Mariei* Crosse Nr. 1335.

852. **H. xanthochroa Crosse.** †

«T. late umbilicata, depressa, planorbiformis, laevis, lutea; apice concavo, nigricante; anfr. 7 lente accrescentes, primi 2 concavi, sequentes planiusculi, sutura profunda discreti, ultimus non ascendens (descendens?), rotundatus, subtus planus; umbilicus late pervius; apertura lunaris, stricta; peristoma simplex, acutum. — Diam. maj. 3½, min. 3, alt. 1¼ mill.» (Cr.)

*Helix xanthochroa* Crosse in Journ. Conch. XV. 1867. p. 199.  
t. 6. f. 2.

Habitat...?

§. 35.

853. (613.) **Flora Pfr.** (Coll. Nr. 354.) *Hyalina flora* (Ammonoceras) A<sup>2</sup>. 72. — Columbia. (III. 403.)  
854. (614.) **Franklandiensis Forb.** — Australia. (III. 403.)  
855. (615.) **Sandwicensis Pfr.** — Ins. Sandwich. (III. 404.)  
856. (616.) **vitrina Wagn.** (Coll. Nr. 355.) *H. circumplexa* Fér.,  
*valvaeformis* Nyst. — *Hyalina vitrina* (Ammonoceras) A<sup>2</sup>. 72. —  
Brasilia. (I. 409.)  
857. (617.) **ammoniformis Orb.** — Bolivia. (I. 440.)  
858. (618.) **concolor Fér.** (Coll. Nr. 356.) *Hyalina concolor* (Mör-  
chia) A<sup>2</sup>. 72. — Portorico. (I. 440.)  
859. (619.) **Baudoni Pet. †** — *Hyalina Baudoni* (Mörchia) A<sup>2</sup>. 72. —  
Guadeloupe (IV. 400.)  
860. (620.) **orbicula Orb.** (Coll. Nr. 357.) Bolivia. (I. 444.)  
861. (621.) **obscurata Porro.** — *Hyalina obscurata* (Hyalina) A<sup>2</sup>.  
68. — *Zonites cellarius* var. Mort. Et. Zonit. 1862. p. 44. —  
Corsica, Sardinia. (I. 408. III. 404.)  
862. (622.) **complanata Desh. †** — Habitat? (I. 444.)

863. **H. djurjurensis Debeaux. †**

«Testa fragilis supra et infra depressa, planorbiformis, discoidea, nitida, tenuissime striata, concolor albido - pallida, subpellucida, aperte umbilicata; apertura depressa, obliqua, ovato-elliptica; peristomate recto, simplice, acuto; margine columellari non reflexo; anfractibus 5—6 convexiusculis, planatis, paulatim accrescentibus, ultimo majore sed non ad aperturam expanso, sutura parum apparente separatis. — Diam. 46, alt. 5 mill.» (D.)

*Helix planorbidea* Deb. olim in litt.

*Zonites djurjurensis* Deb. in Journ. Conch. XI. 1863. p. 44.  
t. 2. f. 4.

Habitat prope Fort-Napoléon Kabyliae.

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864. (623.) **cellaria Müll.** (Coll. Nr. 358.) *Binn. Terr. Moll.* IV.  
p. 444. — *Zonites cellarius* Stabile Prosp. moll. Lugan. p. 49. 51  
cum var. *eugyra*. — *Mortill. Et. Zonit.* p. 40. — *Hyalina cella-*  
*ria* (Hyalina) A<sup>2</sup>. 68. — *Bielz Faun. Siebenb.* p. 40. — *Hyalinia*  
*cellaria* Mörch *Moll. Dan.* p. 42; *Journ. Conch.* XIII. p. 380.  
(*Bland Ann. Lyc. N.-York* VI. p. 352 *Hel. glaphyram* Say potius  
*H. inornatae* Binn. synonymam censet.) — Europa media. (I. 444.)

865. **H. Sydneyensis Cox. †**

«Hel. testa ampliter umbilicata, depressa, nitidissima, pellucidaque, obsolete et late costulatim epidermide-striata,

flavescente-cornea supra, subtus pallidiore, fascia tenui spirali rubida marginem inferiorem suturae attingente: anfractibus sex, 1<sup>o</sup>, 2<sup>o</sup>, 3<sup>o</sup> planiusculis, 4<sup>o</sup> convexiusculo, ultimo depressiusculo; apertura modice obliqua, depressa, lunari, peristomate simplici. — Diam. maj. 0,50, min. 0,45, alt. 0,25 unc.» (C.)

*Helix Sydneyensis* Cox Catal. Austr. landsh. 1864. p. 6. 37.

Habitat circa Sydney Australiae.

Obs. An *H. cellaria* ex Europa introducta?

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866. (624.) **sancta Bourg.** † — *Hyalina sancta* (Hyalina) A<sup>2</sup>. 69. — *Zonites cellarius* var. *sanctus* Mouss. Coq. voy. Roth p. 4. — Hierosolyma. (IV. 400.)

867. (625.) **Mortilleti Stab.** (Coll. Nr. 359.) *H. Villa Mort.* — *Hyalina villae* (Hyalina) A<sup>2</sup>. 68. — *Zonites cellarius* var. *Mort.* Et. Zonit. 1862. p. 43. — Lombardia. (IV. 404.)

868. (626.) **De Natale Ben.** (Coll. Nr. 360.) *Rossm. Icon.* III. 17. p. 86. \*) t. 82. f. 902. — *Hyalina De Natale* (Hyalina) A<sup>2</sup>. 69. — Sicilia. (IV. 404.)

#### 869. **H. glomus Albers.** †

«Testa anguste umbilicata, depressa, tenuis, striis incrementi sat distantibus, versus suturam fortioribus sculpta, nitida, pallide corneoflava, maculis opacis albis parvis raris adspersa, diaphana; spira vix elevata; sutura impressa, marginata; anfr. 5½, sensim accrescentes, angusti, ultimus rotundatus, antice non descendens neque ampliatus, infra vix pallidior; apertura parum obliqua, lunata; peristoma simplex, rectum, marginibus distantibus, columellari flexuoso. — Diam. maj. 44, min. 42, alt. 6¾ mill.» (A.)

*Nanina glomus* (*Thapsia*) Alb. mss. in *Helic.* ed. *Mart.* 1864. p. 57.

Habitat in Liberia.

#### 870. **H. lutea Martens.** †

«Testa perspective umbilicata, discoidea, striatula, epidermide oleoso-nitente, lutea vestita; spira plana, sutura profundiuscula; anfr. 3½—4, supra vix convexiusculi, ultimus supra complanatus, peripheria et infra rotundatus; apertura medio-criter obliqua, semi-elliptica; peristoma simplex, rectum, acutum,

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\*) «Testa aperte umbilicata, discoidea, apice prominulo, arctispira, tenuiuscula, sublaevis, minutissime spiraliter lineata, subopaca, corneoluteola; anfractus 7 lentissime crescentes, ad suturam subcanaliculatam turgiduli, ultimus desuper latissimus, usque ad angulum basalem rotundatum depressiusculus; apertura obliqua, subtriangulari-lunata; peristoma simplex, rectum, acutum, subrepandum. — Alt. 6, lat. 13 mill.» (Rm.)

marginibus distantibus, supero stricto vel paululum inflexo, antrosum convexo. — Diam. maj. 11, min. 9, alt.  $5\frac{1}{2}$ , apert. long.  $4\frac{1}{2}$ , lat. 4 mill.» (v. M.)

*Helix lutea* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 268.

*Patula lutea* (Macrocyclus) Mart. Ostas. Zool. II. p. 260. t. 12. f. 16.

Habitat in insula Buru Moluccarum.

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871. (627.) **Guayaquilensis Pfr.** (Coll. Nr. 361.) Guayaquil. (III. 105.)

### 872. **H. Lifuana Montrouzier.** †

«Testa nautiliformis, minute umbilicata, orbiculata, depressa, minute striata, cornea, epidermide fulvo-viridula induta, superne fulvo-subradiata; spira immersa; sutura depressa; anfr. 5, convexiusculi, subrapide accrescentes, ultimus antice descendens, altior quam latus, superne obtuse subangulatus, medio subgibbus, subtus convexior; apert. subobliqua, angustelunaris; perist. simplex, rectum, intus albo-labiatum?, marginibus remotis, dextro arcuato, columellari subverticali, incrassato, circa perforationem breviter subreflexo. — Diam. maj. 11, min.  $9\frac{1}{2}$ , alt. 7, apert. alt. 6, lat.  $2\frac{3}{4}$  mill.» (S.)

*Helix Lifuana* Montrouz. in sched.; Souverbie in Journ. Conch. VIII. 1860. p. 206. 317. t. 11. f. 5.

Habitat in insula Lifu, Loyalty (Montrouzier).

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873. (628.) **Thomasi Pfr.** — Nova Granada. (IV. 102.)

### 874. **H. paucispira Poey.**

T. late umbilicata, subdiscoidea, tenuis, striatula, pellucida, pallide lutescenti-cornea; spira plana; anfr. 4 convexiusculi, celeriter accrescentes, ultimus depressus, obsoletissime subangulatus; umbilicus  $\frac{1}{3}$  diametri subaequans, perspectivus; apertura obliqua, lunato-subcircularis; perist. simplex, rectum, acutum, marginibus conniventibus.— Diam. maj. 7, min.  $5\frac{2}{3}$ , alt.  $2\frac{1}{2}$ . (Spec. Bayamens.) Diam. maj. 9, min. 7, alt. 3 mill. (Santiago.) Diam. maj. 15, min. 12, alt. 5 mill. (Yateras: Coll. Nr. 362.)

*Helix paucispira* Poey Memor. II. p. 13.

— — *Pfr.* in Malak. Bl. V. 1858. p. 41. 180; VI. 1859. p. 90.

Habitat in parte orientali insulae Cubae.

875. **H. Smithiana Pfr.**

T. umbilicata, subdiscoidea, tenuis, subtiliter striatula, nitida, pellucida, pallide virenti-cornea; spira plana; sutura impressa; anfr. 4 planiusculi, regulariter accrescentes, ultimus non descendens, basi vix convexior; umbilicus minutus, pervius; apertura obliqua, dilatato-lunaris; perist. simplex, rectum, marginibus convergentibus, columellari non dilatato. — Diam. maj.  $7\frac{2}{3}$ , min.  $6\frac{2}{3}$ , alt.  $2\frac{1}{2}$  mill. (Coll. Nr. 363.)

*Helix Smithiana* Pfr. in Malak. Bl. XIII. 1866. p. 80.

Habitat in monte Platon insulae Haiti (Smith).

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876. (629.) **Cayennensis Pfr.** (Coll. Nr. 364.) *Zonites Cayennensis* Drouët Moll. Guyan. p. 50. — Cayenne. (I. 112.)

877. (630.) **subplana Binn. †** — Tennessee. (I. 112.)

878. (631.) **Jeffreysiana Pfr.** (Coll. Nr. 365.) *Nanina Jeffreysiana* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia. (III. 105.)

879. (632.) **volutella Pfr.** — Morel. Moll. terr. Açor. 1860. — *H. brumalis* Morel. et Drouët 1857. — Ins. Azor. (IV. 102.)

(632 a. *brumalis* Mor. et Dr. Pfr. Mon. IV. p. 346 vid. praeced.)

880. (633.) **remota Bens.** (Coll. Nr. 366.) St. Helena. (III. 106.)

881. **H. decolorata Drouët. †**

«T. perviam umbilicata, orbiculari-depressa, laevis, nitidissima, diaphana, pallide cornea; anfr. 5—6 depressi, sutura superficiali, apert. lunato-rotundata; perist. simplex, acutum. — Diam. 6—7, alt. 3 mill.» (D.)

*Zonites decoloratus* Drouët Moll. Guyan. franç. 1859. p. 50.  
t. 1. f. 3—5.

Habitat circa Cayenne.

882. **H. Novarae Pfr.**

T. subanguste umbilicata, depressa, tenuis, sublaevigata, ad suturam striatula, pellucida, nitida, pallide lutescenti-cornea; spira plana; sutura simplex, vix impressa; anfr. 4 convexiusculi, sensim accrescentes, ultimus depressus, non descendens; apertura majuscula, vix obliqua, lunaris; perist. simplex, rectum, marginibus subconvergentibus, columellari superne breviter patente. — Diam. maj. 6, min.  $5\frac{1}{3}$ , alt.  $2\frac{1}{4}$  mill. (Coll. Nr. 367.)

*Helix Novarae* Pfr. in Malak. Bl. VIII. 1861. p. 148.

Habitat «Bay of Islands» Novae Seelandiae (Hochstetter).

Obs. Peraffinis *H. remotae* Bens.

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883. (634.) **ductilis Pfr.** — Australia. (IV. 103.)

884. **H. dicaela Morelet.** †

«T. umbilicata, subdiscoidea, utrinque concava, tenuis, sublaevigata, nitidissima, corneo-rufa; spira leviter immersa; anfr. 5 —  $5\frac{1}{2}$  parum convexi, sutura marginata juncti, priores angusti, ultimus dilatatus, angulatus, superne convexus, subtus planulatus, circa umbilicum perspectivum excavatus, breviter descendens; apertura obliqua, depressa, ovato-lunaris; perist. simplex, acutum, rectum. — Diam. max. 5, min. 4, alt. 2 mill.» (M.)

*Helix dicaela* Mor. in Journ. Conch. XIII. 1865. p. 226.

*Hyalina dicoela* Mart. Ostas. Zool. II. p. 74.

Habitat Siam.

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885. (635.) **Dianae Pfr.** (Coll. Nr. 368.) Charopa A<sup>2</sup>. 88. — St. Helena. (IV. 103.)

886. **H. Pilatica Bourguignat.** †

«Testa pervio-perforata, compressa, supra plana, diaphanopellucida, nitida, uniformiter lactescente albidula, levissima. Anfractibus  $4\frac{1}{2}$ —5 supra planulatis, infra rotundatis; prioribus regulariter crescentibus; ultimo magno, dilatato, subtus rotundato. Apertura lunato-rotundata; peristomate simplice, acuto. — Alt. 2, diam. 4 mill.» (B.)

*Zonites Pilaticus* Bourg. in Rev. et Mag. Zool. 1862. p. 437.  
(Malac. du lac des Quatre-Cantons 1862).

Habitat in sylvis montis Pilati Helvetiae.

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887. (636.) **festinans Shuttl.** † — Ins. Palma. (III. 106.)

888. (637.) **trochilioneides Orb.** (Coll. Nr. 369.) Bolivia. (I. 113.)

889. (638.) **spirillus Gould.** † (Otia conch. p. 224.) — Lima. (III. 272.)

890. (639.) **perdepressa Adams.** — Microphysa A<sup>2</sup>. 82. — Jamaica. (III. 106.)

891. (640.) **cyclostomoides Pfr.** (Coll. Nr. 370.) Microphysa A<sup>2</sup>. 82. — Cuba. (I. 114.)

892. (641.) **minuta Villa.** † — Etruria. (I. 114.)

893. (642.) **cimex Pfr.** — Nov. Hebrid. (IV. 104.)

894. (643.) **quadrata Fér.** (Coll. Nr. 371.) Stephanoda A<sup>2</sup>. 88. — *H. Kingi* Pfr. olim. — Juan Fernandez. (I. 116.)

895. **H. obsita Pfr.**

T. late umbilicata, depressa, tenuiuscula, striatula, pilis brevibus undique obsita, pallide cornea, interdum fasciis angustis pallide rufescentibus ornata; spira plana; sutura impressa; anfr.  $4\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus rotundatus, antice parum descendens; umbilicus pervius,  $\frac{1}{3}$



diametri subaequans; apertura obliqua, lunato-subcircularis; perist. simplex, rectum, marginibus convergentibus, columellari superne vix dilatato, patente. — Diam. maj.  $9\frac{1}{2}$ , min. 8, alt. 4 mill. (Coll. Nr. 372.)

*Helix obsita* Pfr. in Malak. Bl. XIII. 1866. p. 80.

Habitat in republica mexicana (Dr. Berendt).

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896. (644.) **pusio King.** † — Juan Fernandez. (I. 116.)

897. (645.) **spirorbis Desh.** † — Brasilia. (III. 110.)

898. (646.) **ammonoceras Pfr.** — Nova Granada. (IV. 104.)

#### 899. **H. Whitneyi Newcomb.** †

«H. testa corneo-fumosa, subplanulata, polita umbilico perspectivo; sutura bene impressa; apertura lunaris; labro simplici; anfr. 4. — Diam. 0,20, alt. 0,10 poll.» (N.)

*Helix Whitneyi Newc.* in Proc. Calif. Ac. 1864. p. 117.

Habitat «Lake Taho» in montibus «Sierra Nevada» Californiae.

#### 900. **H. Breweri Newcomb.** †

«H. testa discoidea, pallide-cornea, nitida, lucida; sutura sub-canaliculata; late umbilicata; anfr. 5; apertura lunaris; labro tenue, simplici. — Diam. 0,20, alt. 0,10 poll.» (N.)

*Helix Breweri Newc.* in Proc. Calif. Ac. 1864. p. 118.

Habitat prope «Lake Taho» Californiae.

#### 901. **H. Duranti Newcomb.** †

«H. testa depressa, discoidea, pallide-cornea, sub lente minutissime striata, opaca, late et perspective umbilicata; anfr. 4, ultimus declivis non descendens; sutura linearis; apertura rotundato-lunaris; peristomate simplici, approximato. — Diam. 0,20, alt. 0,07 poll.» (N.)

*Helix Duranti Newc.* in Proc. Calif. Ac. 1864. p. 118.

Habitat «Santa Barbara Island» Californiae.

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902. (647.) **Clymene Shuttl.** (Coll. Nr. 373.) *Hyalina Clymene* (Hyalina) A<sup>2</sup>. 69. — Teneriffa. (III. 111.)

### §. 36.

903. (648.) **planella Pfr.** — *Hyalina planella* (Hyalina) A<sup>2</sup>. 68. — Sicilia. (IV. 105.)

904. (649.) **juloidea Forb.** — Charopa A<sup>2</sup>. 87. — Australia. (III. 106.)

905. (650.) **bombycina Pfr.** — Vandiemensland. (IV. 105.)

906. **H. Reiniana Pfr.**

T. late umbilicata, depressa, discoidea, tenuiuscula, conferte costulato-striata, pallide cornea, strigis fuscis superne flammulata; spira plana, vertice vix prominulo; anfr.  $6\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus non descendens, subtus planior; umbilicus  $\frac{1}{3}$  diametri subaequans; apertura subobliqua, lunaris; perist. simplex, rectum, marginibus subconvergentibus. — Diam. maj.  $10\frac{1}{2}$ , min. 9, alt. 3 mill. (Coll. Bland.)

*Helix Reiniana* Pfr. in Malak. Bl. XI. Dec. 1863. p. 4.

Habitat in insula Bermuda (Dr. Rein).

907. **H. vitrinoides Tristram. †**

«T. peranguste umbilicata, depressa, apice subinfosso, pellucida, aspera, tenuissima, vix setosa; spira plana, immersa; anfractibus  $4\frac{1}{2}$ ; sutura profunda; anfr. ultimus rotundatus, rapide crescens et dimidium testae occupans, antice descendens; apertura rotunda, expansa; peristomium rectum, simplex. — Diam. maj. 13, min. 11, alt. 7 mill.» (T.)

*Helix vitrinoides* Tristr. in Proc. Zool. Soc. 1863. p. 411.

Habitat Vera Paz Guatemalae.

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908. (651.) **dissimilis Orb.** (Coll. Nr. 374.) *Stephanoda* A<sup>2</sup>. 88. — *H. histrio* Mf. — Chile. (I. 115.)

909. (652.) **Gratioletti Hupé. †** — Chile. (IV. 105.)

910. **H. squarrosa Gould. †**

«Testa planorboidea, squarrosa, ochraceo-cornea, subtus pallidior, convexa, late umbilicata; anfr. 6 convexiusculis, ad peripheriam subangulatis. Apertura parva, angusta, lunata; peristomate simplice, ad columellam reflexo. — Diam.  $\frac{6}{10}$ , axis  $\frac{3}{10}$  poll.» (An adult.? G.)

*Helix squarrosa* Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 413; *Otia* conch. p. 102.

— — (Patula) *Mart.* Ostas. Zool. II. p. 18.

Habitat Ousima Japoniae.

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911. (653.) **Ide Gray.** (Coll. Nr. 375.) *Charopa* A<sup>2</sup>. 87. — *Nova Seelandia*. (III. 108.)

912. (654.) **Pinicola Pfr.** (Coll. Nr. 376.) *Charopa* A<sup>2</sup>. 87. — *Nov. Hebrid.* (IV. 106.)

913. **H. Murrayana Pfr.**

T. umbilicata, depressa, tenuiuscula, confertissime filiospica, vix nitidula, fusca; spira plana; anfr. 5 convexiusculi,

regulariter accrescentes, ultimus rotundatus, non descendens; umbilicus  $\frac{1}{4}$  diametri subaequans; apertura parum obliqua, rotundato-lunaris; perist. simplex, rectum, marginibus conniventibus, columellari juxta umbilicum vix dilatato. — Diam. maj. 7, min. 6, alt. 3 mill. (Coll. Angas.)

*Helix Murrayana* Pfr. in Proc. Zool. Soc. 1863. p. 527.

Habitat «Murray Cliffs» Australiae meridionalis.

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914. (655.) **scutula** Shuttl. † — Patula A<sup>2</sup>. 86. — Teneriffa. (III. 108.)

915. (656.) **vorticialis** Bens. — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 108.)

916. (657.) **Charybdis** Bens. † — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (IV. 106.)

917. (658.) **biconcava** Pfr. (Coll. Nr. 377.) Charopa A<sup>2</sup>. 87. — Nova Seelandia. (III. 109.)

918. (659.) **omicron** Pfr. (Coll. Nr. 378.) Charopa A<sup>2</sup>. 87. — Australia. (III. 109.)

919. (660.) **zeta** Pfr. (Coll. Nr. 379.) Charopa A<sup>2</sup>. 88. — Nova Seelandia. (III. 109.)

920. (661.) **anguiculus** Reeve. (Coll. Nr. 380.) Charopa A<sup>2</sup>. 87. — *H. theta* Pfr. olim. — Nova Seelandia. (III. 634.)

921. (662.) **caecilia** Pfr. — Nov. Hebrid. (IV. 107.)

922. (663.) **eta** Pfr. (Coll. Nr. 381.) Charopa A<sup>2</sup>. 87. — *H. corniculum* Reeve. — Nova Seelandia. (III. 107.)

923. (664.) **ziczac** Gould. † — New-South-Wales. (I. 116.)

924. (665.) **epidermia** Ant. (Coll. Nr. 382.) Patula A<sup>2</sup>. 86. — Chile. (I. 117.)

925. (666.) **rivularis** Krauss. — Pella A<sup>2</sup>. 84. — *Mart.* in Malak. Bl. XIII. 1866. p. 93.\*) — Promont. bonae spei. (III. 110.)

#### 926. **H. Saturni** Cox. †

«Hel. testa late et perspective umbilicata; discoidea, supra subconcava, undique valide costata; rufescente-cornea, nitidiuscula: anfractibus quinque convexis, ultimo tumido rotundato; spira submersa; sutura profunde impressa; apertura lunari; peristomate simplici rectoque. — Diam. maj. 0,10, min. 0,08, alt. 0,05 unc.» (C.)

*Helix costulata* Cox in Ann. and Mag. n. h. 1864.

— *Saturni* Cox Catal. Austr. landsh. 1864. p. 35.

Habitat circa Sydney Australiae.

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\*) «Testa umbilicata, orbiculato-depressa, solidiuscula, confertim striata, paulum nitidula, pallide brunnea; spira convexiuscula, apice obtusa; anfr. vix 4, convexi, sutura profunda divisi, lente crescentes, ultimus rotundatus; umbilicus latiusculus; apertura paulum obliqua, lunato-circularis; peristoma simplex, marginibus distantibus, utroque arcuato. — Diam. maj.  $2\frac{1}{2}$ , min.  $2\frac{1}{4}$ , alt.  $1\frac{1}{2}$ ; apert. long. et lat. 4 mill.» (v. M.)

927. **H. lirata Cox.** †

«Hel. testa late et perspective umbilicata, plano-discoidea, valide et regulariter (non confertim) elevato-costata; castaneo-cornea; anfractibus  $3\frac{1}{2}$ , ultimo rotundato, spira submersa, sutura profunde impressa; apertura lunari; peristomate simplici. — Diam. maj. 0,42, min. 0,40, alt. 0,07 unc.» (C.)

*Helix lirata Cox* Catal. Austr. landsh. 1864. p. 38.

Habitat Sydney Australiae (Macgillivray).

928. **H. Stroudensis Cox.** †

«Hel. testa subampliter umbilicata; discoidea; fuscescente, tenue costellato-striata, convexa, sutura impressa; anfractibus quinque; spira truncata; peristomate simplici, acuto; apertura lunato-ovata. — Diam. maj. 0,42, alt. 0,05 unc.» (C.)

*Helix Stroudensis Cox* Catal. Austr. landsh. 1864. p. 20.

Habitat «Stroud, Port Stephens» Australiae (King).

929. **H. Belli Cox.** †

«Hel. testa late et perspective umbilicata; discoidea depressa et subconcava; regulariter costellato-striata; rufo-castanea nitidiuscula; anfractibus quinque convexiusculis, ultimo tumido rotundato; spira submersa, sutura profunde impressa; apertura lunari; peristomate simplici, recto. — Diam. maj. 0,07, min. 0,06, alt. 0,02 unc.» (C.)

*Helix Belli Cox* Catal. Austr. landsh. 1864. p. 22.

Habitat Sydney Australiae (Bell).

930. **H. asteriscus Morse.**

«T. minuta, orbicularis, perdepressa, laete fusca; anfr. 4, utrinque rotundati, costis 25—30 tenuissimis, transparentibus, prominentibus, perobliquis, reclinatis sculpti, in interstitiis subtiliter striati; spira non elevata; sutura profunde impressa; umbilicus mediocris, omnes anfractus monstrans. — Lat.  $\frac{1}{16}$ , alt.  $\frac{1}{32}$  poll.» (M. — Coll. Nr. 383.)

*Helix asteriscus Morse* Proc. Bost. Soc. VI. Mart. 1857. p. 128.

— — *Binn.* Terr. Moll. IV. p. 103. t. 77. f. 9.

— — *Bland* in Ann. Lyc. N.-York VIII. p. 163. f. 8.

*Planogyra asteriscus Morse* in Journ. Portl. soc. 1864.

Habitat Bethel in Statu Maine.

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931. (667.) **tenuistria Phil.** (Coll. Nr. 384.) Chile. (IV. 407.)

932. **H. Hermannii Pfr.**

T. minuta, late umbilicata, discoidea, superne conferte costulata, nitidula, diaphana, cornea; spira plana; sutura impressa; anfr.  $4\frac{1}{2}$  modice convexi, lente accrescentes, ultimus non descendens, teres, subtus subtilius costulatus; umbilicus conicus,  $\frac{1}{3}$  diametri superans; apertura subverticalis, rotundato-lunaris; perist. simplex, rectum, marginibus convergentibus, columellari non dilatato. — Diam. maj. 2, alt. vix 1 mill. (Coll. Nr 385.)

*Helix Hermannii Pfr.* in Malak. Bl. XIII. 1866. p. 80.

Habitat Mirador, Veracruz reipublicae mexicanae (Berendt).

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933. (668.) **micropleuros Paget.** † — Patula A<sup>2</sup>. 85. — *Bourg.* in Rev. et Mag. Zool. XV. 1863. p. 183. \*) t. 18. f. 9—13. — Gallia. (IV. 108.)

933 a. **H. elachia Bourguignat.** †

«Testa minutissima, umbilicata, compressa, supra planata, infra convexa, pellucida, hyalina, pallide cornea, elegantissime lamellicostata; spira planata; apice laevigato; anfractibus  $3\frac{1}{2}$  rapide crescentibus, sutura impressa separatis; anfractibus subangulatis, infra ad umbilicum obscure subcarinatis; ultimo maximo, ad aperturam lente descendente; apertura obliqua, ampla, parum lunata, late ovato-rotundata; peristomate simplice, acuto, recto; margine columellari leviter expansiusculo. — Alt.  $\frac{3}{4}$ , diam.  $1\frac{1}{2}$  mill.» (B.)

*Helix elachia Bourg.* in Rev. et Mag. Zool. XV. 1863. p. 185. t. 18. f. 14—17.

Habitat circa Angers Galliae (Letourneux de la Péraudière).

## §. 37.

934. (669.) **aulacospira Pfr.** — Nov. Hebrid. (I. 110.)

935. (670.) **rapida Pfr.** (Coll. Nr. 386.) *Nanina rapida* (Paryphanta) A<sup>2</sup>. 48. — Nova Seelandia, ins. Salomonis. (III. 633.)

936. (671.) **circumlineata Küst.** (Coll. Nr. 387.) *Hyalina circumlineata* (Hyalina) A<sup>2</sup>. 69. — Dalmatia. (I. 114.)

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\*) «Testa minuta, aperte pervio-umbilicata, compressa, supra planiuscula, infra convexa, nitida, subpellucida, cornea vel succinea, elegantissime ac oblique lamellicostata; spira vix convexa, fere complanata; apice minutissimo, laevigato, pallidiore; anfractibus 4 convexiusculis, sat celeriter crescentibus, sutura impressa separatis, ultimo sat dilatato, magno, supra leviter convexo, infra convexo-rotundato, ad aperturam non descendente; apertura obliqua, parum lunata, oblongo-rotundata; peristomate simplice, recto, acuto; margine columellari expansiusculo. — Alt. 1, diam. 2 mill.» (B.)

## §. 38.

937. **H. Moyobambensis Moricand. †**

«H. testa profunde et late umbilicata, depressa, solidiuscula confertissime ruguloso-striata, olivaceo-cornea, raris lineis concentricis impressa, spira planulata, anfr. 4—4½ convexis, sensim accrescentibus; ultimus inflatus, non descendens; sutura valide impressa, apertura subcircularis, verticalis, ampla, intus margaritacea; perist. superne depressum, rectum, acutum. — Diam. maj. 31, min. 27, alt. 7 mill.» (M.)

*Helix Moyobambensis Moric.* in Rev. et Mag. Zool. 1858. p. 450.  
t. 13. f. 3.

Habitat Moyobamba.

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938. (672.) **euspira Pfr.** (Coll. Nr. 388.) *Hyalina euspira* (Ammonoceras) A<sup>2</sup>. 72. — Venezuela. (IV. 108.)  
939. (673.) **Veronica Pfr.** — *Nanina Veronica* (Orobia) A<sup>2</sup>. 59. — Ins. Salomonis. (III. 633.)  
(674. *sportella* Gould vid. Nr. 1514.)  
940. (675.) **nitelina Bourg.** — *Zonites nitelinus* Mouss. Coq. Roth p. 6. — Rhodus, Syria. (IV. 109.)  
941. (676.) **splendidula Pfr.** (Coll. Nr. 389.) *Nanina splendidula* (Paryphanta) A<sup>2</sup>. 48. — Lizard Islands (Macgillivray). (I. 113.)  
942. (677.) **Binneyana Pfr.** (Coll. Nr. 390.) *Stephanoda* A<sup>2</sup>. 88. — Valdivia Chilensium. (I. 115.)  
943. (678.) **zebrina Phil.** (Coll. Nr. 391.) Chile. (IV. 109.)

## §. 38 a.

(*Subcarinatae.*)

944. **H. Villandrei Gassies. †**

«Testa late umbilicata, subcarinata, discoidea, fortiter striata, superne planulata, inferne convexa, nitida, lutescente-brunnescens, superne et inferne radiato-castanea, maculis undulatis ornata; anfractus 5—6 planati, regulariter accrescentes, ultimus subdilatus; apertura mediana, rotundato-ovalis, intus nitida, luteo brunnescens; peristoma simplex; columella tenuis; sutura linearis, plicata; apice horizontalis, corneo-pallida. — Diam. maj. 25, min. 22, alt. 10 mill.» (G.)

*Helix Villandrei Gass.* in Journ. Conch. XIII. 1865. p. 210.

Habitat in Nova Caledonia.

Obs. «Species affinis *H. Raynali* Gass. (Vid. Nr. 943 a in Addend.)

945. **H. patruelis Adams et Angas. †**

«H. testa depresso-conoidali, late et profunde umbilicata, rufa, fascia pallida transversa prope suturas ornata; spira valde



depressa; anfractibus 5, convexiusculis, rugoso-granulosis, ad suturas corrugatis, anfractu ultimo ad peripheriam subangulato; apertura lunato-ovata, margine columellari subreflexo, umbilicum partim tegente. — Long.  $5\frac{1}{2}$ , lat. 10 lin.» (A.)

*Helix (Hadra) patruelis* Ad. et Ang. in Proc. Zool. Soc. 1863. p. 520.

Habitat Port Lincoln Australiae meridionalis.

946. **H. Atkinsoni Theobald.** †

«Testa depressa, infundibuliforme-umbilicata, lineis transversis rugose striata, lineisque spiralibus obscure leviter decussata, obtuse carinata, sordide albida (forsan in meliore specimine cornea) semitranslucente, sutura impressa. Anfract. 5 convexiusculis. Apertura obliqua. Perist. leviter incrassato, non reflexo. — Diam. 0,54, alt. 0,20 poll.» (Th.)

*Helix Atkinsoni Theob.* in Journ. Ac. Soc. Beng. 1859. XXVIII. Nr. 4. p. 305.

Habitat prope Maulmein. (Unicam testam inanem invenit Atkinson.)

947. **H. concinna Lowe.** †

«T. orbiculata arctispira convexiuscula obtuse angulato-carinata aperte et sat large perspectivo-umbilicata sericeo-nitidiuscula tota albo-cerina v. pallide subvirescens, subpellucens, supra obsolete crebricostulata, subtus nisi circa umbilicum magis laevigata; spira convexiuscula; anfractibus  $7\frac{1}{2}$  convexiusculis lente crescentibus oblique transversim obsolete aequicostulatis, ult. subobsolete carinato, subtus circa umbilicum rotundato (nec angulato) distinctius costulato-striato, antice non descendente; umbilico mediocri sat magno ( $\frac{1}{4}$  diam. maj.) patulo spirali profundo, lateribus spiraliter sulcatis, anfr. intus usque ad apicem perspicuis; apert. oblique lunata subdepressa latiore quam alta haud angulata; perist. simplici tenui recto acuto. — Diam. maj. 8, min.  $7\frac{1}{4}$ , alt. 4 mill.» (L.)

*Helix concinna (Euromphala) Lowe* in Ann. and Mag. n. h. 3d. ser. VII. (Febr. 1864) p. 105.

Habitat in insula Ferro (Wollaston).

948. **H. hyptiocyclos Benson.** †

«H. testa latissime umbilicata, orbiculato-planata, planorbiformi, depressa, fragili, oblique striatula, translucens, polita, olivaceo-cornea; spira concaviuscula, apice foveolato, suturis profundis; anfractibus  $4\frac{1}{2}$ , gradatim incrementibus, utrinque

convexis, ultimo convexiusculo, peripheria subcarinata; apertura valde obliqua, elliptico-lunata; peristomate tenui, acuto, marginibus conniventibus, callo tenui junctis. — Diam. maj. 6, min. 5, alt.  $4\frac{1}{2}$  mill.» (B.)

*Helix hyptiocyclos* Bens. in Ann. and Mag. n. h. (Febr. 1863.)  
3d. ser. XI. p. 89.

Habitat prope «Fort M'Donald» insulae Ceylon (Layard).

949. **H. subangulata Adams et Angas. †**

«H. testa orbiculato-conoidali, pertenui, pellucida, vitrea, pallide straminea, anguste umbilicata; anfractibus planis, tenuissime concentricè striatis, ultimo ad peripheriam subangulato; apertura perobliqua, lunato-ovali, latiore quam longa; labio acuto, breviter reflexo, umbilicum vix tegente. — Long.  $\frac{1}{2}$ , lat. 3 lin.» (A.)

*Helix (Thalassia) subangulata* Ad. et Ang. in Proc. Zool. Soc.  
1863. p. 521.

Habitat in Australia meridionali.

950. **H. Baladensis Souverbie. †**

«T. umbilicata, depressa, subdiscoidea, tenuissima, striatula, nitida, translucida, pallide straminea, fulvo lineolata, lineolis infra suturam dilatatis et radiatim dispositis, postea subito attenuatis, antice curvatis et perobliquissime descendentes, prope umbilicum evanidis; spira brevissima, vix emersa; anfr.  $3\frac{1}{4}$  convexiusculi, subrapide accrescentes, sutura impressa separati; ultimus non descendens, subcompressus, obtuse subcarinatus, circa umbilicum mediocrem subinfundibuliter concavus; apert. obliqua, subampla, subovali-rotundata; perist. simplex, rectum, marginibus distantibus, callo tenuissimo junctis, supero antrorsum subarcuato, columellari ad insertionem vix incrassato, circa perforationem breviter reflexo. — Diam. maj. 5, min.  $4\frac{1}{3}$ , alt.  $2\frac{1}{3}$  mill.» (S.)

*Helix taeniata* Montrouz. in sched. Nec Webb et Berth. etc.

— *Baladensis* Souv. in Journ. Conch. XI. 1863. p. 276.  
t. 12. f. 1.

Habitat Balade Novae Caledoniae.

951. **H. Browningii Benson. †**

«H. testa anguste umbilicata, conoideo-depressa, tenui, superne et subtus prope carinam solum plicis albidis confer-tim oblique plicata, versus umbilicum laevigata, albido-cornea, strigis obliquis rufis superne subtusque oblique ornata; spira

conoidea, sutura impressa, apice obtusiusculo; anfractibus 5, convexiusculis, superioribus convexis, ultimo angulato, subcarinato, subtus subconvexo; apertura late securiformi-lunulata; peristomate tenui, acuto; margine columellari expansiusculo. — Diam. maj. 5, min. 4, axis 3 mill.» (B.)

*Helix Browningii* Bens. in Ann. and Mag. n. h. (Jun. 1864.)  
3d. ser. XIII. p. 493.

Habitat prope «Cape Point» Promontorii Bonae Spei.

952. **H. nubigena** Lowe. †

«T. umbilicata depressa orbiculato-subdiscoidea subcarinata subpellucida tenuiuscula hispidula fusca atro (intus) plerumque punctulata vel maculata; spira convexo-depressa, anfr. 4 convexiusculis, sutura distincta impressa; umbilico majusculo cylindrico subspirali profundo; apert. oblique lunato-ovali; perist. simplici, tenui, acuto. — Diam. maj. 5, min.  $4\frac{1}{2}$ , alt.  $2\frac{1}{2}$  mill. An adult?» (L.)

*Helix nubigena* (*Hispidella*) Lowe in Ann. and Mag. n. h. 3d. ser. VII. 1864. p. 105.

Habitat ad radices Cytisi nubigeni in excelsioribus Teneriffae (Wollaston).

Obs. Affinis *H. hispidae* et quodammodo similis *H. conspurcatae*.

953. **H. Opaoana** Gassies. †

«T. late umbilicata, depressa, obtuse carinata, oblique et concentrice striata, corneo-rufescens; apice nitido; sutura mediocri; anfr. 6 regulariter accrescentes, ultimus depressus; umbilicus latus, elevatus, valide carinatus; apertura obliqua, subdepressa, semiovata; peristoma simplex. — Diam. 5, alt.  $2\frac{1}{2}$  mill.» (G.)

*Helix Opaoana* Gass. in Journ. Conch. XV. 1867. p. 64.

Habitat in insula Art et Balade Novae Caledoniae.

Obs. «Species superne *H. rusticulae*, subtus *H. Montrouzieri* et *H. Cabriti* similis.»

953a. **H. Arrouxi** Bourguignat. †

«Testa parvula, aperte umbilicata, depressa, sat fragili, subpellucida, tenuiter striatula, fulvo-castanea, ac undique fasciis albidis dispositis, sicut maculis in pelle serpentium, adornata; spira parum convexa; apice prominente, nitido, striatulo, nigrescente; anfractibus  $5\frac{1}{2}$  convexiusculis, regulariter crescentibus, sutura impressa separatis; ultimo obscure subangulato, supra parum convexo, subtus valde convexo, antice non

descendente; apertura obliqua, lunato-oblonga; peristomate simplice, recto, acuto; margine columellari vix expansiusculo. — Alt. 3, diam. 6 mill.» (B.)

*Helix Arrouxi* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 257.  
Habitat prope Berytum Syriae.

## §. 39.

954. (679.) **Cymatium** Bens. — *Nanina Cymatium* (Hemiplecta) A<sup>2</sup>. 53. — Malacca. (IV. 409.)  
955. (680.) **declivis** Pfr. † — *Carocolla Tritoniensis* Guill. — Nova Guinea. (I. 447.)  
956. (681.) **Chevalieri** Soul. † — *Nanina Chevalieri* (Hemiplecta) A<sup>2</sup>. 53. — Malacca. (I. 420.)  
957. (682.) **densa** Ad. et Rv. (Coll. Nr. 392.) *Nanina densa* (Hemiplecta) A<sup>2</sup>. 53. — Ins. Philippin. (Ad. et Rv.) — *Nanina densa* Mart. Ostras. Zool. II. p. 230.\*) t. 40. f. 4. 4b, species ampliata, *H. Schumacherianam* Pfr., *corrosam* Mouss. et *Herklotsianam* Dohrn complectens. (III. 444.)  
958. (683.) **Schumacheriana** Pfr. (Coll. Nr. 393.) *Nanina Schumacheriana* (Hemiplecta) A<sup>2</sup>. 52 et *Nanina atrofusca* (Hemiplecta) A<sup>2</sup>. 53 (errore cum *H. fulvida* comparata). — *Hemiplecta Schumacheriana* Wallace in Proc. Zool. Soc. 1865. p. 406. — Borneo. (III. 444.)

959. **H. camura** Benson. †

«Testa anguste umbilicata, conoideo-depressa, oblique rude rugoso-plicatula, sub lente minutissime granulata, subtus laeviori, translucida, cornea; spira depresso-conoidea, lateribus

\*) «Testa anguste et aperte umbilicata, depresso conoidea, angulata, solida, superne rugis parvis undulatis obliquis confertis coriacea, rufo-castanea, zona suturali nigricante, inferne lineis spiralibus confertissimis paulum undulatis sculpta, e rufocastaneo versus umbilicum in colorem virentiflavum transiens; spira conica, modice elata, acutiuscula, apice concolor vel pallidior; anfr. 6, planati, ultimus carina obtusa plus minusve distincta munitus, fascia subcarinali fusca saepe obsoleta, subtus modice convexus, antice haud descendens; apertura diagonalis, pro ratione generis parva, subrhombea; peristoma rectum, obtusum, margine basali parumper antrorsum flexuoso, columellari breviter descendente, ad insertionem vix reflexiusculo.

A. *atrofusca*: major, acute carinata, superne obscure rufo-castanea. (t. 40. f. 4.)

B. *ignobilis*: minor, obtuse carinata, virescens. (t. 40. f. 16.) — *H. densa* Ad., Pfr.

C. *Herklotsiana*: mediocris, carina prorsus evanescente, grosse sculpta, rufescens.

D. *Moussoniana*: mediocris, subinflata, carina parum distincta, bifasciata.

E. *Lowiana*: mediocris, anfractibus concaviusculis, pallida.» (v. M.)

planulatis, apice acutiusculo, sutura leviter impressa, junioris marginata; anfractibus  $6\frac{1}{2}$  vix convexiusculis, ultimo compresse carinato, subserrulato, subtus convexo; apertura obliqua, transversim angulato-lunata, peristomate tenui, recto, margine basali valde arcuato, columellari expansiusculo. — Diam. maj. 22, min. 19, axis 10 mill.» (B.)

*Helix camura* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr. 1859.) p. 269. (Malak. Bl. 1859. p. 23.)

Habitat in valle Rungun, prope Darjiling, rarior.

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960. (684.) **Guerini Pfr.** (Coll. Nr. 394.) *Nanina Guerini* (Thysanota) A<sup>2</sup>. 63. — Mont. Nilgherries. (I. 118.)

961. **H. Hyba Benson.** †

«H. testa subaperte et profunde umbilicata, conoideo-convexa, subtrochiformi, superne confertim oblique scabreque plicata, striisque exilissimis spiralibus decussata, subtus minutissime granulata, laeviore, nitidula, epidermide fusco-cornea; spira elevata, gibboso-convexa, lateribus convexiusculis, apice obtuso, sutura leviter impressa, marginata; anfractibus 6, lente accrescentibus, vix convexiusculis, ultimo non descendente, carina peripherica basali acuta utrinque marginata circumdato, subtus horizontali, convexiusculo; apertura obliqua, parva, subquadrato-lunata; peristomate recto, acuto, margine columellari superne vix expansiusculo. — Diam. maj. 14, min. 13, axis 7 mill.» (B.)

*Helix Hyba* Bens. in Ann. and Mag. n. h. 3d. ser. VII. Febr. 1861. p. 83.

Habitat in montibus Sub-himalayanis, non procul a fluvio Sutlej.

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962. (685.) **crinigera** Bens. — Mont. Nilgherries. (IV. 110.)

963. (686.) **Bermudensis** Pfr. (Coll. Nr. 395.) *Caraculus* A<sup>2</sup>. 156. — Bermuda. (I. 118.)

964. (687.) **Eurydice** Gould. † — Tonga Tabou. (I. 119.)

965. (688.) **tumulus** Gould. † — *Nanina tumulus* (Trochomorpha) A<sup>2</sup>. 60. — Ins. Feejee. (I. 85.)

966. **H. tricolor** Martens. †

«Testa depressa, subtrochiformis, perspective umbilicata, acute carinata, oblique striata, lardeo-nitens, superne corneo-virens, supra carinam fascia fusca latiuscula ornata, carina ipsa alba; inferne unicolor fuscescens; anfr.  $5\frac{1}{2}$ , ultimus infra carinam descendens; apertura securiformi-trapezoidea, margine basali valde arcuato, supero stricto; peristoma rectum, sim-



plex. — Diam. maj.  $17\frac{1}{2}$ , min.  $15\frac{1}{2}$ , altit. 7 millim.; apertura 7 millim. lata, 5 alta.» (v. M.)

*Trochomorpha tricolor* Mart. in Malak. Bl. X. 1863. p. 134;  
(Videna) Ostas. Zool. II. p. 252. t. 13.  
f. 3.

Habitat Kajeli insulae Buru Moluccarum.

#### 967. *H. bicolor* Martens. †

« Testa modice umbilicata, depresse conica, carinata, striatula, nitida, supra lineis spiralibus subtilissimis sculpta, castanea, zona suturali, carina et regione umbilicali albidis; spira altitudine varians; anfr.  $5\frac{1}{2}$ —6 convexiusculi, ultimus peripheria carinatus et basi prope umbilicum subangulatus, antice haud descendens; apertura diagonalis, securiformis; peristoma rectum, acutum, margine basali arcuato. — Diam. maj. 13, min. 12, alt. 5—6, apert. long. 5, lat. 4 mill.» (v. M.)

*Trochomorpha bicolor* Mart. in Monatsber. Berl. Ak. 18 Apr.  
1864. p. 267; (Videna) Ostas. Zool. II.  
p. 252. t. 13. f. 2.

Habitat in insulis Sumatra et Borneo.

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- 968. (689.) **membranica** Pfr. — Ins. Salomonis. (IV. 111.)
- 969. (690.) **Galerus** Bens. † — Ceylon. (IV. 111.)
- 970. (691.) **retifera** Pfr. — Conf. *Blanford* in Ann. and Mag. n. h.  
3d. ser. VII. p. 244, ubi subgeneri *Plectopylidi* adscribitur. —  
Mont. Nilgherries. (I. 119.)
- 971. (692.) **tentoriolum** Gould. † — Upolu. (I. 119.)
- 972. (693.) **antipoda** Jacq. † — Ins. Auckland. (IV. 111.)
- 973. (694.) **Aucklandica** Guill. † — *Nanina aucklandica* (Thalassia) A<sup>2</sup>. 59. — Ins. Auckland. (I. 119.)

#### 974. *H. liratula* Pfr.

T. umbilicata, trochiformis, tenuiuscula, striata et liris filiformibus subconfertis cincta, diaphana, oleoso-micans, pallide corneo-lutescens; spira conica, apice obtusa; sutura impressa; anfr.  $7\frac{1}{2}$  convexiusculi, ultimus angulatus, non descendens, basi laevior, convexior; apertura vix obliqua, subangulato-lunaris; perist. simplex, rectum, margine columellari declivi, juxta umbilicum perangustum subdilatato. — Diam. maj. 6, min.  $5\frac{1}{2}$ , alt. 4 mill. (Mus. Cuming.)

*Helix liratula* Pfr. in Proc. Zool. Soc. 1860. p. 35; Malak. Bl.  
VII. p. 234.

Habitat in insula Ceylon, alt. 6000' (Thwaites).



975. **H. transarata** Mousson. †

« T. umbilicata, depresso-conica, irregulariter rugoso-vel plicato-striata, lutescens-alba (?). Spira regularis, obtuse conica; summo minuto, obtuso, sutura lineata, supra tenuiter marginata. Anfr. 5, mediocriter accrescentes, convexiusculi, ultimus non descendens, filo tenui et acuto carinatus, subtus laevior, convexiusculo-planatus, ad carinam impressus, rapide in umbilicum decidens. Apertura subobliqua, securiformis. Perist. rectum, acutum (?); margine externo ad carinam subretracto; basali acuto; columellari subverticali, non reflexo. Umbilicus  $\frac{1}{7}$  diametri aequans. — Diam. maj. 7, min. 6, alt. 5 mill.» (M.)

*Helix transarata* Mouss. in Journ. Conch. XIII. 1865. p. 194.  
Habitat Lomma-Lomma ins. Viti (Gräffe).

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976. (695.) **solarium** Quoy. (Coll. Nr. 396.) *Nanina solarium* (Trochomorpha) A<sup>2</sup>. 61. — Nova Hibernia. (I. 120.)

977. (696.) **arcuata** Pfr. — Luzon. (I. 120.)

978. **H. Prionacis** Benson. †

« H. testa umbilicata, conoideo-depressa, superne et inferne fortiter oblique plicata, plicis remotioribus, albidis, albido-cornea, superne hic illic maculis fuscis ornata; spira conoidea, sutura impressa, apice obtusiusculo; anfractibus 5, convexiusculis, angustis, ultimo compresse carinato, subtus convexo; apertura late lunulata, securiformi; peristomate tenui, acuto; margine columellari expanso, superne dilatato. — Diam. maj. 6, min. 5, axis 3 mill.» (B.)

*Helix Prionacis* Bens. in Ann. and Mag. n. h. (Jun. 1864) 3d. ser. XIII. p. 493.

Habitat prope Bredasdorp Promontorii Bonae Spei.

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979. (697.) **sciadium** Pfr. (Coll. Nr. 397.) Nova Seelandia. (IV. 112.)

980. (698.) **oceanica** Guill. † — Taiti. (I. 120.)

981. (699.) **alpha** Pfr. — Charopa A<sup>2</sup>. 88. — *H. stipulata* Reeve. — Nova Seelandia. (III. 112.)

982. (700.) **beta** Pfr. (Coll. Nr. 398.) Charopa A<sup>2</sup>. 88. — *H. barbata* Reeve. — Nova Seelandia. (III. 112.)

983. **H. macroleuris** Benson. †

« Testa subaperte umbilicata, attenuato-pyramidata, oblique minute arcuato-striata, superne costis remotis elevatis, arcuatis munita, decorticata albida, nitidula; spira pyramidali, superne attenuata, apice papillari, papilla laeviori, sutura carinato-marginata; anfractibus 8 convexiusculis, ultimo non descendente,

filoso-carinato, subtus planulato, versus aperturam convexiusculo, circa umbilicum profundissimum, anguste perspectivum, angulato; apertura obliqua?, transversa, quadrata, peristomate tenui, recto, margine columellari lato, expansiusculo. — Diam. maj. 5, min.  $4\frac{1}{2}$ , long.  $5\frac{1}{2}$  mill.» (B.)

*Helix macropleuris* Bens. in Ann. and Mag. n. h. 3d. ser. III.

(Apr. 1859.) p. 265. (Malak. Bl. 1859. p. 24.)

Habitat in valle Rungun, prope Darjiling, rarissime.

984. **H. Corys Benson. †**

«Testa perforata, elongato-pyramidali, oblique confertim minutissime costulato-striata, albida, non nitente; spira anguste pyramidali, apice obtusiusculo, sutura impressa; anfractibus  $5\frac{1}{2}$  convexiusculis, ultimo ad peripheriam filoso-carinato, basi planiuscula; apertura obliqua?, quadrata, longitudine latitudinem aequante, peristomate tenui, recto, margine columellari verticali, longe vix expansiusculo. — Diam. 2, long. 3 mill.» (B.)

*Helix Corys* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Apr.

1859) p. 265. (Malak. Bl. 1859. p. 24.)

Habitat eodem loco ac praecedens.

985. **H. conoidea Cox. †**

«Hel. testa umbilicata, conoidea, sordide lutescente, ad apicem griseo-plumbea, parum nitente, irregulariter sulcata et costata; anfractibus septem, plano-convexiusculis, ultimo carinato; spira obtusa; apertura lunari-ovata, tenui. — Diam. maj. 0,37, min. 0,35, alt. 0,30 unc.» (C.)

*Helix conoidea* Cox Catal. Austr. landsh. 1864. p. 24.

Habitat «Cabbage Tree Island, Port Stephens» Australiae (King.)

§. 40.

(701. *ryssolemma* Alb. vid. *H. Thyreus* Bens. in §. 122.)

986. **H. benigna Pfr.**

«T. late umbilicata, lenticularis, pertenuis, rugoso-striata et striis spiralibus minutis confertissimis decussata, pellucida, pallide cinnamomea; spira parum elevata, vertice subtili; sutura marginata; anfr. 6 vix convexiusculi, lente accrescentes, summi liris nonnullis elevatis sculpti, ultimus acute carinatus, supra carinam leviter canaliculatus, basi convexior; apertura parum obliqua, subrhombea; perist. simplex, rectum, margine columellari ad insertionem vix dilatato. — Diam. maj.  $32\frac{1}{2}$ , min. 29, alt. 44 mill.» (Coll. Nr. 399.)

*Helix benigna* Pfr. in Proc. Zool. Soc. 1862. p. 269. t. 36.  
f. 11. 12.

Habitat «Lao Mountains» Cambojæ (Mouhot).

987. **H. Hidalgoiana Crosse. †**

«T. late umbilicata, lenticularis, tenuiuscula, subtranslucida, striis obliquis, irregularibus, rude capillaceis, confertis, longitudinaliter impressa, pallide castaneo-cinnamomea; spira parum elevata, vertice obtuso; sutura marginata; anfr. 6 vix convexiusculi, lente accrescentes, embryonales ( $1\frac{1}{2}$ ) laeves, albidii, ultimus acute carinatus, basi convexior, nitens, obsolete capillaceo-striatus; apertura parum obliqua, subrhombea, intus livide submargaritacea; peristoma simplex, luteo-albidum, marginibus callo tenuissimo junctis, columellari ad insertionem vix dilatato, basali leviter incrassato. — Diam. maj. 25, min. 23, alt.  $9\frac{1}{2}$  mill.» (Cr.)

*Helix Hidalgoiana* Crosse in Journ. Conch. XII. 1864. p. 283;  
XIV. 1866. p. 56. t. 1. f. 2.

Habitat in Oceania.

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- 988. (702.) **vitrinoidea** Pot. et Mich. † — Habitat? (I. 89.)
- 989. (703.) **horiomphala** Pfr. — Archip. japonicus. (IV. 112.)
- 990. (704.) **Arecibensis** Pfr. — Portorico. (IV. 113.)
- 991. (705.) **Minerva** Pfr. — Ins. Trinitatis. (III. 113.)
- 992. (706.) **entomostoma** Jacq. † — Hogoleu. (IV. 113.)
- 993. (707.) **xiphias** Pfr. — Ins. Admiralitatis. (IV. 114.)
- 994. (708.) **conomphala** Pfr. — Ins. Philippin. (III. 635.)
- 995. (709.) **Metcalfei** Pfr. (Coll. Nr. 400.) *H. solarioides* Reeve.  
— *Nanina Metcalfei* (Discus) A<sup>2</sup>. 62. — Ins. Philippin.  
(I. 121.)
- 996. (710.) **Crouanii** Guill. † — *Nanina Crouanii* (Discus) A<sup>2</sup>. 62.  
— Hamoa, ins. Salomonis. (I. 121.)
- 997. (711.) **Navigatorum** Pfr. — Ins. Navigatorum. (IV. 114.)

998. **H. Shermani Pfr.**

T. umbilicata, lentiformis, carinata, solidula, oblique striata et sub lente subgranulata, rufo-fusca; spira conoideo-convexa, vertice minuto, subpapillari, pallido; sutura marginata; anfr. 7 lente accrescentes, planiusculi, ultimus non descendens, acute carinatus, subtus convexior; umbilicus latiusculus; apertura fere diagonalis, securiformis; perist. simplex, marginibus vix convergentibus, basali arcuato, ad insertionem non dilatato. — Diam. maj. 18, min.  $16\frac{1}{2}$ , alt. 8 mill. (Mus. Cuming.)

*Helix Shermani* Pfr. in Proc. Zool. Soc. 1865. p. 828. t. 46.  
f. 5; Malak. Bl. XIII. 1866. p. 40.

Habitat in insula Formosa (Swinhoe).

Obs. Differt a simili *H. Navigatorum* anfractuum ratione, apertura parvula, etc.

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999. (712.) **exclusa Fér.** (Coll. Nr. 404.) *Nanina exclusa* (Discus) A<sup>2</sup>. 62. — Nova Guinea, Vanikoro. — Var.: *H. Vahine* Jacq. (I. 422.)

1000. (713.) **Zollingeri Pfr.** — *Nanina Zollingeri* (Discus) A<sup>2</sup>. 62. — Java? (III. 443.)

### 1001. **H. Sanis Benson.** †

«*H. testa mediocriter umbilicata, conoideo-orbiculata, depressissima, lenticulari, oblique subarcuatim striatula, subgranulata, cornea; spira parum elevata, conoideo-depressa, apice obtusa, sutura impressiuscula, marginata; anfractibus 5½, subplanulatis, ultimo carina mediana acuta utrinque compressa munito, subtus convexiusculo; apertura obliqua, securiformi; peristomate recto, acuto; umbilico infundibuliformi.* — Diam. maj. 44, min. 40, axis 3½ mill.» (B.)

*Helix Sanis Bens.* in Ann. and Mag. n. h. 3d. ser. VII. Febr. 1864. p. 84.

Habitat ad Portum Blair Andamanicum.

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1002. (714.) **semiconvexa Pfr.** — Ins. Salomonis. (IV. 445.)

### 1003. **H. Cantoriana Benson.** †

«*H. testa mediocriter umbilicata, tenui, depressa, orbiculato-conoidea, lenticulari, oblique subarcuato-striata, subtus laeviore, utrinque lineis distincte incisis remotiusculis spirilibus decussata, fusco-cornea, translucida, nitidula; spira parum elevata, depresso-conoidea, apice nucleato, obtuso, rubello, sutura impressa, submarginata; anfractibus 5½, convexiusculis, ultimo carina mediana obtusiuscula utrinque compressa munito, subtus convexo; apertura obliqua, subquadrato-lunari; peristomate tenui, acuto; umbilico infundibuliformi.* — Diam. maj. 40, min. 9, axis 3½ mill.» (B.)

*Helix Cantoriana Bens.* in Ann. and Mag. n. h. 3d. ser. VII. 1864. p. 85.

Habitat in insula Pulo Sung-Sung, prope Pulo Pinang (Dr. Cantor).

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1004. (715.) **Papua Less.** (Coll. Nr. 402?) *Nanina papua* (Discus) A<sup>2</sup>. 62. — Nova Guinea. (I. 422.)

1005. (716.) **planorbis Less.** (Coll. Nr. 403.) *Nanina planorbis* (Dis-

cus) A<sup>2</sup>. 62. — *Trochomorpha planorbis* Wallace in Proc. Zool. Soc. 1865. p. 408: Macassar, Batchian, ins. Aru. — Videnā. *Mart.* Ostas. Zool. II. p. 249. \*) t. 13. f. 4. 7. et *Trochomorpha Javanica* Mart. in Monatsber. Berl. Ak. 1864. p. 267. — Sumatra, Java, Borneo, Celebes, Ternate, etc. (I. 122.)

1006. **H. appropinquata Martens. †**

«Testa latiuscule umbilicata, acute carinata, conoideo-lenticularis, striatula, supra et infra lineis spiralibus confertis subtilibus sculpta, corneo-flavescens, concolor; spira breviter conica; anfr. 5, paulum convexiusculi, ultimus antice non descendens; apertura diagonalis, securiformis; peristoma simplex, acutum, margine supero stricto, infero arcuato. — Diam. maj. 11, min. 9, alt. 5, apert. long. 5, lat. 4 mill.» (v. M.)

*Trochomorpha appropinquata* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 267.

— *planorbis* var. *appropinquata* Mart. Ostas. Zool. II. p. 249. t. 13. f. 8.

Habitat in parte occidentali insulae Borneo.

1007. **H. Timorensis Martens. †**

«Testa perspective umbilicata, lenticularis, acute carinata, arcuatim distincte striata, lardeo-nitens, fulvocornea, concolor; spira parum emersa; anfr. 6, ultimus antice paululum descendens; apertura valde obliqua, securiformis; peristoma rectum, simplex, margine supero antrorsum convexo, basali leviter concavo, columellari subincrassato. — Diam. maj. 16½, min. 14½, alt. 5½; apert. long. 6, lat. 4½ mill.» (v. M.)

*Trochomorpha Timorensis* (Videnā) Mart. Ostas. Zool. II. p. 248. t. 13. f. 6.

Habitat in insula Timor.

\*) «Testa perspective umbilicata, conico-lenticularis, acute carinata, striatula, nitidula, tenuis, corneo-lutescens, carina albida, utrinque saepius fusco-limbata; spira breviter conica; anfr. 5—5½, vix convexiusculi, ultimus antice non aut vix deflexus; apertura diagonalis, rhombo-securiformis; peristoma rectum, simplex (?), margine supero stricto, basali arcuato.

*A. appropinquata* Mart. (vid. spec. seq.): supra et infra distincte spiratim striata.

*B. Lessoni* Mart.: infra subtilissime spiratim striata. (t. 13. f. 4.) Diam. maj. 14½—16, min. 12—14, alt. 5—6; apert. long. 6—6½, lat. 5 mill.

*C. Javanica* Mouss.: striis spiralibus haud conspicuis. (t. 13. f. 7.) Diam. maj. 12½—15½, min. 11—13½, alt. 4—6; apert. long. 5½—6, lat. 3—5 mill.» (v. M.)



1008. **H. Saigonensis Crosse.** †

«T. late umbilicata, sublenticularis, tenuis, oblique vix striatula, nitidula, cornea; spira convexo-depressiuscula, apice mediocriter obtusa; sutura marginata; anfr. 6 vix convexiusculi, lente accrescentes; embryonales  $4\frac{1}{2}$  laeves, nitidi, ultimus non descendens, medio carina acuta munitus, basi convexiusculus, nitidus; umbilicus conicus, pervius,  $\frac{1}{5}$  diametri subaequans; apertura diagonalis, subrhombéo-lunaris; perist. simplex, acutum, marginibus vix convergentibus. — Diam. maj. 44, min.  $9\frac{1}{2}$ , alt. 5 mill.» (Cr.)

*Helix Saigonensis Crosse* in Journ. Conch. XV. 1867. p. 208.

t. 6. f. 3.

Habitat in provincia Saigonensi et in insula Poulo-Condor dicta, Cochinchinae gallicae.

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1009. (717.) **Cressida Gould.** (Coll. Nr. 404.) *Nanina Cressida* (Discus) A<sup>2</sup>. 62. — Samoa, Taheiti. (I. 123.)

1010. (718.) **acutimargo Pfr.** (Coll. Nr. 405.) *Nanina acutimargo* (Discus) A<sup>2</sup>. 62. — Ins. Philippin. (I. 123.)

1011. (719.) **radula Pfr.** (Coll. Nr. 406.) *Nanina radula* (Discus) A<sup>2</sup>. 62. — Luzon. (I. 123.)

1012. (720.) **strigilis Pfr.** (Coll. Nr. 407.) *Nanina strigilis* (Discus) A<sup>2</sup>. 62. — Ins. Philippin. (I. 124.)

1013. (721.) **Castra Bens.** † — Himalayah. (III. 635.)

1014. (722.) **alboinsecta Pfr.** (Coll. Nr. 408.) *Nanina alboinsecta* (Discus) A<sup>2</sup>. 62. — Ins. Philippin. (I. 124.)

1015. **H. Clarencensis Cox.** †

«H. testa modice umbilicata, lenticulari, depressa, carinata, tenuissima pallide succineo-cornea, superne sub epidermide irregulariter radiatim curvato-striata, nitente, inferne convexa, laevissima, nitidissima, vitrea; spira late conoidea, convexiuscula; anfractibus  $5\frac{1}{2}$ , planatis, ultimo obtuse carinato; apertura obliqua; margine externo angulato, inferiore arcuato, columellari basi breviter expanso umbilicum leviter obtegente. — Diam. maj. 0,48, min. 0,42, alt. 0,28 unc.» (C.)

*Helix Clarencensis Cox* in Proc. Zool. Soc. 1864. p. 595.

Habitat Clarence River Australiae (Macgillivray).

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1016. (723.) **ptychodes Pfr.** — Microphysa A<sup>2</sup>. 83. — Jamaica. (I. 124.)

1017. (724.) **Cumberlandiana Lea.** — Bland in Ann. Lyc. N.-York VII. p. 423. — Patula A<sup>2</sup>. 86. — Tennessee. (I. 125. III. 114.)

1018. (725.) **mordax Shuttl.** † — Bland in Ann. Lyc. N.-York VII. p. 422. — Patula A<sup>2</sup>. 86. — Carolina septentr. (III. 635.)



1019. **H. Gassiesi Pfr.**

T. umbilicata, discoidea, carinata, tenuis, arcuato-striata et lineis impressis obliquis sub lente decussatula, nitida, lutescens, flammis crebris castaneis fulgurata; spira immersa; anfr. 4 convexiusculi, rapide accrescentes, ultimus magnus, utrinque convexior, medio subacute carinatus; apertura obliqua, subtriangulari-lunaris; perist. simplex, acutum, marginibus conniventibus. — Diam. maj.  $8\frac{1}{3}$ , min.  $7\frac{1}{3}$ , alt. 3 mill. (Mus. Cuming.)

*Helix Gassiesi* Pfr. in Proc. Zool. Soc. 1864. p. 24. (Malak. Bl. VII. p. 234.)

Habitat in insula Erromanga Novarum Hebridarum (Turner).

1020. **H. rusticula Gassies. †**

«T. late et profunde umbilicata, discoidea, lenticularis, carinata, fortiter et oblique lamelloso-striata, unicolor saturate rubiginea; anfr. 6 regulares, ultimus depressus; sutura profunda, in anfr. praecedente carinata; apertura inclinata, obliqua, triangularis; perist. simplex, acutum. — Alt.  $3\frac{1}{2}$ , diam. 8 mill.» (G. gall.)

*Helix rusticula* Gass. in Journ. Conch. VII. 1858. p. 369.

Habitat in insula Pinuum Novae Caledoniae (Magen).

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1021. (726.) **rudiuscula Pfr.** — Habitat? (I. 425.)

1022. (727.) **engonata Shuttl.** (Coll. Nr. 409.) Patula A<sup>2</sup>. 86. — Teneriffa. (III. 444.)

1023. (728.) **solaria Menke.** (Coll. Nr. 410.) Bielez Faun. Siebenb. p. 50. — Patula A<sup>2</sup>. 86. — *H. perspectiva* Mf., *Megerlei* Jan. — Europa media. (I. 425.)

1024. (729.) **semiplicata Pfr.** (Coll. Nr. 411.) Patula A<sup>2</sup>. 86. — *H. Gueriniana* Lowe. — Madera. (III. 444.)

1025. **H. calathoides Paiva. †**

«Testa latissime et perspective concavo-umbilicata, subtus excavata, rotundata, utrinque convexiuscula, arctispira, obsolete v. obtuse carinato-angulata, subsolidiuscula; supra grosse crebricostata, costis prominulis ad angulum abrupte desinentibus; subtus obsolete vix striatula, laevigata; spira convexiuscula, subconoideo-depressa, apice obtusa, laevigata; sutura distinctissima, valde impressa; anfr. 7—8, convexiusculis, lente crescentibus, ult. antice recto, haud deflexo, supra carinam obsoletam crebricostato, convexiusculo, subplanato, infra ecostato, laevigato, rotundato-convexo; umbil. latissimo, infundibuliformi, pervio, patulo, profundo; apertura oblique ovali, altiore quam lata;

peristomate simplici, recto, tenui, acuto. — Diam. maj. 7—8, min.  $6\frac{1}{2}$ — $7\frac{1}{2}$ , alt. 3—4 mill.» (Lowe).

*Helix calathoides* De Paiva mss. Lowe in Ann. and Mag. n. h. 3d. ser. XII. (Nov. 1863.) p. 338.

Legitur semifossilis in insula Deserta australi «Bugio» dicta.

#### 1026. **H. Lizardensis** Pfr.

T. umbilicata, conoideo-lenticularis, solida, carinata, conferte costulato-striata et lira filiformi juxta carinam posita instructa, cerea; spira conoideo-convexa; sutura carinato-exserta; anfr. 8 planiusculi, lentissime accrescentes, ultimus basi convexiusculus, ruditer striatus; umbilicus mediocris, profundus,  $\frac{1}{4}$  diametri vix aequans; apertura subverticalis, anguste angulato-lunaris; perist. simplex, rectum, margine basali leviter et regulariter arcuato. — Diam. maj.  $7\frac{1}{2}$ , min.  $7\frac{1}{4}$ , alt. 3 mill. (Coll. Nr. 442.)

*Helix Lizardensis* Pfr. in Proc. Zool. 1862. p. 269.

Habitat in insulis Lizardensibus Australiae (Macgillivray).

Obs. Affinis *H. clathratulae* Pfr., sed major, planior, umbilico multo minore, striis minus elevatis, carina peripherica acutiore, carina altera dense approximata.

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1027. (730.) **clathratula** Pfr. (Coll. Nr. 443.) Bens. in Ann. and Mag. n. h. 3d. ser. V. (Apr. 1860) p. 247. — Patula A<sup>2</sup>. 86. — *H. Puteolus* Bens. olim. — Ceylon. (III. 145.)

1028. (731.) **retexta** Shuttl. (Coll. Nr. 444.) Patula A<sup>2</sup>. 86. — Ins. Palma. (III. 145. IV. 146.)

#### 1029. **H. gyrina** Gassies. †

«T. late et profunde umbilicata, discoidea, lenticularis, carinata, oblique regulariter striata, brunnea, nitida; sutura sat profunda, ad anfractum praecedentem subcarinata; apertura rotundato-ovalis; perist. simplex, acutum. — Alt. 3, diam. 5 mill.» (G. gall.)

*Helix gyrina* Gass. in Journ. Conch. VII. 1858. p. 369

Habitat in insula Pinuum Novae Caledoniae (Magen).

#### 1030. **H. fabrefacta** Pease. †

«H. t. lenticulari, solidiore, late et profunde umbilicata, acetabuliformi, albicante, cretacea, sordida, inaequaliter et irregulariter radiatim fusco-castaneo strigata vel maculata; apice elevato; spira concava; anfr. 7, juxta margines depressis seu sulcatis, ultimo acute carinato, deinde planulato, ad umbilicum

acute carinato; apertura rhomboidea; labro simplici, acuto.»  
(P.) Dimens.?

*Helix fabrefacta* Pease in Proc. Zool. Soc. 1864. p. 669.

Habitat in insulis Oceani pacifici australis.

Obs. Conf. *H. ficta* Pease in §. 54.

1031. **H. depressiformis Pease. †**

«H. testa discoidea, planorboidea, supra planulata, subtus convexa, tenui, subpellucida, parum nitidula, fusco-cornea, late umbilicata, oblique confertim rugoso-striata; spira planulata, interdum parum elevata; anfr.  $3\frac{1}{2}$ , vix marginatis, ultimo acute carinato, ad marginem compresso, ad umbilicum rotundatim carinato. — Diam. 7, alt. 2 mill.» (P.)

*Helix depressiformis* Pease in Proc. Zool. Soc. 1864. p. 670.

Habitat in insulis Oceani pacifici centralis.

1032. **H. prostrata Pease. †**

«H. tenui, depressa, profunde umbilicata, viridescenti-cornea, striis confertis subtilissimis decussata; anfr. 4, planis, celeriter accrescentibus; ultimo latiore, acute angulato, supra prope marginem sulcato, antice dilatato, subtus convexo; apice depresso; apertura late rotundato-lunari; perist. simplici, acuto. — Diam. 6, alt.  $2\frac{1}{4}$  mill.» (P.)

*Helix prostrata* Pease in Proc. Zool. Soc. 1864. p. 670.

Habitat in insulis Oceani pacifici centralis.

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1033. (732.) **Argonautula WB.** — Ins. Canar. (I. 125.)

1034. **H. pulverulenta Lowe. †**

«T. orbiculato-depressa umbilicata carinata solidiuscula concinniter crebristriata (nec granulata) cinerea fusco 1—2-fasciata fasciis saepe interruptis tessellatis, supra lentiginosa; carina acuta simplici (nec limbata nec serrulata) submedia, supra expressa subsulcata; spira convexiuscula, anfr. 5 convexiusculis, sutura simplici (non marginata) distincta antice praesertim impressa; umbil. parvo angusto, pariete subangulato abrupte declivi; apert. depressa oblique lunato-ovali; perist. simplici, recto, labris subapproximatis interruptis. — Diam. maj.  $6-7\frac{1}{2}$ , min.  $5\frac{1}{2}-7$ , alt.  $4-4\frac{1}{2}$  mill.» (L.)

*Helix argonautula* Webb, Orb. Canar. t. 2. f. 13—15 (nec 16—18).

*Helix pulverulenta* (*Discula*) *Lowe* in Ann. and Mag. n. h. 3d. ser. VII. 1864. p. 107.

Habitat in insula Canaria majore.

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1035. (733.) **Parlatoris Biv.** (Coll. Nr. 415.) Fruticicola A<sup>2</sup>. 104. — Sicilia. (I. 126.)  
 1036. (734.) **alata Pfr.** — Ins. Sandwich. (IV. 116.)  
 1037. (735.) **Reinae Ben.** (Coll. Nr. 416.) Fruticicola A<sup>2</sup>. 104. — Sicilia. (IV. 17.)  
 1038. (736.) **latens Lowe.** (Coll. Nr. 417.) Ochthephila A.<sup>2</sup> 118. — Madera. (III. 115.)  
 1039. (737.) **armillata Lowe.** (Coll. Nr. 418.) Xerophila A<sup>2</sup>. 111. — *H. striata* *Lowe* olim, *Lowe* Pot. et *Mich.* — Madera. (III. 116.)  
 1040. (738.) **Bertholdiana Pfr.** — Ins. Promontorii Viridis. (III. 116.)

1041. **H. volutella Gassies. †**

«Testa parva, superne et subtus aequaliter concava, Planorbium instar regulariter involuta, anfractu ultimo valde elevato et anguloso marginem acutum formante; regulariter et subfortiter striata, luteo-cornea, maculis rubicundis notata; apex valde immersus, lucide flavus; anfr. 7½ confertissimi, sensim accrescentes; sutura parum profunda; apertura angusta, fere incumbens in anfr. ultimo, utrinque in angulum acutum producta; perist. simplex, acutum. — Diam. 5½, alt. 2½ mill.» (G. gall.)

*Helix volutella* *Gass.* in Journ. Conch. VII. 1858. p. 70. (Malak. Bl. 1859. p. 9.)

Habitat in Nova Caledonia.

1042. **H. labilis Gould. †**

«T. parva, tenuis, nitida, succinea, depressa, lenticularis; ad peripheriam acuta; subtus convexa, polita, arcte umbilicata; anfr. 5 convexiusculis. Apertura transversa, anguste lunaris; columella verticalis. — Axis 1/10, diam. 1/8 poll.» (G.)

*Helix labilis* *Gould* in Proc. Bost. Soc. VI. p. 422; Otia conch. p. 101.

*Hyalina labilis* *Mart.* Ostas. Zool. II. p. 17.

Habitat Hakodadi insulae Jesso.

1043. **H. Murphyi Cox. †**

«Hel. testa aperte umbilicata, depressa, rubido-cornea paulo nitente, confertim oblique elevato-costulata et sub lente decussatim striatula; anfractibus 5, plano-convexiusculis, ultimo acute carinato; spira obtusa; apertura modice obliqua,

triangulari-ovata, peristomate simplici acuto. — Diam. maj. 0,18, min. 0,16, alt. 0,09 unc.» (C.)

*Helix Murphyi* Cox Catal. Austr. landsh. 1864. p. 37.

Habitat Wollongong Australiae (Masters).

## §. 41.

1044. (739.) **oculus capri Müll.** (Coll. Nr. 419.) *Helix algira* Linn. Mus. teste Hanley Ips. Linn. Conch. p. 372. — *H. Lusitanica* Linn.?, *aegophthalmos* Gmel. — *Zonites algirus* (Aegopis) A<sup>2</sup>. 66. — Mort. Et. Zonit. 1862. p. 17. — Mouss. Coq. Schläfli. II. p. 3. — Europa meridionalis, nec Algeria. (I. 126.)
1045. (740.) **verticillus Fér.** (Coll. Nr. 420.) *H. lapidicola* Mlf. — *Zonites verticillus* (Aegopis) A<sup>2</sup>. 66. — Austria. (I. 127.)
1046. (741.) **Albanica Ziegl.** (Coll. Nr. 421.) *Zonites albanicus* (Aegopis) A<sup>2</sup>. 66. — Albania, Dalmatia. (I. 127.)
1047. (742.) **compressa Ziegl.** (Coll. Nr. 422.) *H. morlachica* Parr. — *Zonites compressus* (Aegopis) A<sup>2</sup>. 66. — Fiume. (I. 128.)
1048. (743.) **acies Partsch.** (Coll. Nr. 423.) *H. acumen* Fér., *acutimargo* Zgl. — *Zonites acies* (Aegopis) A<sup>2</sup>. 66. — Dalmatia. (I. 128.)
1049. (743a.) **cultellata Thomas.** † — Proc. Philad. Ac. IX. (Oct. 1857.) p. 185. — Binn. Terr. Moll. IV. p. 22. t. 76. f. 6. — California. (IV. 347.)
1050. (744.) **Carica Roth.** (Coll. Nr. 424?) Rossm. Ic. III. p. 84. t. 82. f. 899. — *Zonites caricus* (Aegopis) A<sup>2</sup>. 66. — Caria. (I. 129. IV. 118.)
1051. (745.) **chlorotica Pfr.** — *Zonites chloroticus* (Aegopis) A<sup>2</sup>. 66. — Smyrna. (Alb.) (III. 117.)
1052. (746.) **Smyrnensis Roth.** (Coll. Nr. 425.) Rossm. Ic. III. 17. p. 85. \*) t. 82. f. 900. — *Zonites smyrnensis* (Aegopis) A<sup>2</sup>. 66. — Smyrna. (I. 129.)
1053. (747.) **corax Parr.** (Coll. Nr. 426.) Pfr. Novit. conch. Fasc. XXVI. p. 323. Nr. 439. t. 78. f. 1—5. — *Zonites corax* (Aegopis) A<sup>2</sup>. 66. — Mons Taurus. (IV. 119.)
1054. (748.) **Croatica Partsch.** (Coll. Nr. 427.) *Zonites croaticus* (Aegopis) A<sup>2</sup>. 66. — Croatia. — Var. *transiens* Mouss. Coq. Schläfli. I. p. 39: Epirus. (I. 128.)
1055. (749.) **Carniolica A. Schmidt.** (Coll. Nr. 428.) *H. sexvolva* Parr. — Carniolia. (IV. 119.)
1056. (750.) **Gemonensis Fér.** (Coll. Nr. 429.) Kalenicz. in Bull. Mosc. XXVI. 2. p. 85. — *H. isodoma* Jan. — *Zonites gemonensis* (Aegopis) A<sup>2</sup>. 66. — Mort. Et. Zonit. 1862. p. 18. — Italia. (I. 129.)

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\*) «Testa late et perspective umbilicata, convexo-orbiculata, angulato-carinata, corneo-lutescens, supra subtilissime spiraliter granulata, nitidiuscula, subtus substriata, nitida, circa umbilicum pallidior; anfractus 6 contabulati, depressi, supra sparsim late luteo-radiati, minus quam subtus convexi, ultimi carina demum subevanida; sutura mediocris, leviter crenato-pliculata; apertura oblique securiformi-lunata; peristoma rectum, acutum, intus late tenuiter labiatum. — Alt. 14, lat. 27 mill.» (Rm.)

## §. 42.

1057. (751.) **Olivieri Fér.** (Coll. Nr. 430.) *Mouss.* Coq. Roth p. 8. — Fruticicola A<sup>2</sup>. 405. — *H. cincta* Htm., *dilucida* Zgl., *Rizza* Ar., *parumcincta* et *ocellata* Parr. — Dalmatia, Italia, Corfu, Turcia. (I. 430.)

1058. (752.) **Rothi Pfr.** (Coll. Nr. 434.) Fruticicola A<sup>2</sup>. 405. — Ins. Syra. (I. 434.)

1059. **H. flaveola Krynicki. †**

«T. obtecte perforata, convexo-depressa, perfragilis, pallide cornea, pellucida, subopaca. Spira depresso-conica; sutura non impressa. Anfr.  $5\frac{1}{2}$ , celeriter accrescentes, vix convexiusculi; ultimus latus, obtuse angulatus, subtus de centro declivis, albescens, linea albina dorsali circumdata. Apertura magna, transversim lunata; marginibus distantibus; perist. satis expanso, intus regulariter labiato, margine columellari brevissimo, reflexo, in basalem rectum, defluente. — Diam. maj. 16, min.  $13\frac{1}{2}$ , alt. 10 mill.» (*Mouss.*)

*Helix flaveola* Kryn. in Bull. soc. Mosc. 1837. Nr. 2. p. 52.

— — *Kalenicz.* in Bull. soc. Mosc. 1853. XXVI. 2. p. 80. \*) (imperfect.)

— — *Mouss.* Coq. Schläfli II. p. 48.

Habitat prope Stavropolim Georgiae.

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1060. (753.) **pisiformis Pfr.** (Coll. Nr. 432.) Fruticicola A<sup>2</sup>. 405. — Caucasus. (I. 434.)

1061. **H. globula Krynicki.**

«Testa orbiculato-convexa, subglobosa, valde tenui, pellucida, parum nitida, transversim irregulariter striolata, flavescenti-cornea; anfractibus senis, rotundatis, ultimo crasso; suturis profundiusculis; spira exserta, acuta, umbilico angustissimo perforata, apertura lunato-rotundata; peristomate simplici, intus linea tenui elevata marginato. — Diam. 5—4, alt.  $3-2\frac{1}{4}$  lin.» (Kal. — Coll. Nr. 433.)

*Helix globula* Kryn. in Bull. soc. Mosc. 1837. Nr. 2. p. 52.

— — *Kalenicz.* in Bull. soc. Mosc. 1853. XXVI. 2. p. 85.

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\*) «Testa orbiculato-convexa, depressiuscula, tenui, pellucida, opaca, transversim irregulariter striata, pallide flavescenti-cornea, saepissime fascia medio albescenti circumdata; anfractibus senis, oblique planulatis; suturis tenuibus, spira parum exserta, obtusiuscula; umbilico? (incerto in adultis.)» (Kalen.)



*Helix globula* Mouss. Coq. Schläfli II. p. 47.

Habitat in Caucaso: Stavropol, Piatigorsk. (Kalenicz.)

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1062. (754.) **Jervisensis Quoy.** — Australia. (I. 79. III. 118.)

1063. (755.) **Gilberti Pfr.** — Dorcasia A<sup>2</sup>. 107. — Australia. (I. 108. IV. 120.)

1064. (756.) **inchoata Mor.** (Coll. Nr. 434.) Fruticicola A<sup>2</sup>. 103. — Lusitania. (III. 119.)

1065. (757.) **fruticola Kryn.** (Coll. Nr. 435.) Fruticicola A<sup>2</sup>. 103. — Kalenicz. in Bull. Mosc. XXVI. 2. p. 79. — Mouss. Coq. Schläfli II. p. 45. — Caucasus. (I. 136.)

1066. (758.) **despecta Gray.** — Loo-Choo? (I. 136.)

1067. (759.) **Mighelsiana Pfr.** (Coll. Nr. 436.) Dorcasia A<sup>2</sup>. 107. — Ins. Mindanao. (I. 136.)

1068. (760.) **Berytensis Fér.** (Coll. Nr. 437.) Mouss. Coq. Roth p. 9. — Fruticicola A<sup>2</sup>. 105. — Bourg. in Rev. et Mag. Zool. XV. 1863. p. 252. \*) t. 19. f. 1—5. — Syria. (I. 138.)

1068 a. **H. rachiodia Bourguignat.** †

«Testa anguste umbilicata, orbiculato-globosa, luteo-viridis, irregulariter plicata, tota elegantissime granulato-decussata, granulis oblongis, elevatis; apertura alta ( $3\frac{3}{4}'''$ , lat.  $2\frac{2}{3}'''$ ) peristomate recto, acuto, simplici. — Alt. 5, lat. 6 lin.; anfr. 5." (Roth.)

*Helix granulata* Roth Mollusc. spec. it. orient. 1839. p. 16. t. 1. f. 3. 19. Nec Quoy.

— *rachiodia* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 254. \*\*)

Habitat in Asia Minore; Cacamo Cariae legit Cl. Roth.

\*) «Testa umbilicata, globoso-depressa, tenui, subtranspellucida, non nitente, luteo-fulvicante, striatula, ad suturam praesertim grosse striata, ac undique minutissime granulata; spira convexo-conoidali, obtusissima; apice minuto, nitente, striatulo, non granuloso; anfractibus 6 planiusculis vel vix convexiusculis, sat celeriter crescentibus, sutura parum impressa separatis; ultimo magno, obsolete subangulato, ad aperturam descendente; apertura obliqua, lunato-rotundata, intus leviter albido-subrosacea; peristomate simplice, acuto, intus profunde albido vel albo-rosaceo labiato; margine dextro recto; margine basali leviter expanso; margine columellari late reflexo; marginibus leviter conniventibus, tenui callo diaphano junctis. — Alt. 10—12, diam. 16—20 mill. — β. *Conica* (Chemn. t. 17. f. 11. 12.) — γ. *leucozona*. — δ. *subgranulata* (granulis sub lente vix conspicuis).» (B.)

\*\*) «Testa anguste umbilicata, globosa, luteo-viridula, irregulariter plicata, ac undique elegantissime granulato-decussata; spira convexa; anfractibus 5 (prioribus planiusculis, posterioribus convexiusculis), sat celeriter crescentibus, sutura (in prioribus lineari, in ultimo parum impressa) separatis; ultimo magno, globoso, rotundato, apertura lunato-rotundata; peristomate simplice, acuto; margine columellari reflexo.» (B.)

1068b. **H. Fourousi Bourguignat.** †

«Testa angustissime umbilicata, globoso-depressa, sat solida, paululum subtranslucida, non nitente, luteo-viridescente, irregulariter substriatula, ad suturam plicato-striolata, ac undique elegantissime granulato-decussata; spira convexo-conica, obtusissima; apice minuto, striatulo, non granulato; anfractibus 6 planiusculis, sat celeriter crescentibus, sutura parum impressa separatis; ultimo magno, rotundato, ad aperturam descendente; apertura obliqua, lunata, ovato-rotundata, intus albida; peristomate recto, acuto, intus albido-labiato; margine columellari reflexo; marginibus tenui diaphanoque callo junctis. — Alt. 12, diam. 17 mill.» (B.)

*Helix Fourousi* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 256.  
t. 19. f. 6 — 9.

Habitat circa Berytum Syriae (Fourous).

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- 1069. (761.) **consona Ziegl.** (Coll. Nr. 438.) Fruticicola A<sup>2</sup>. 104. — *H. ursula* Fér.? — Sicilia. (I. 140.)
- 1070. (762.) **plebeja Drap.** (Coll. Nr. 439.) *H. lurida*, *separanda* et *pterididea* Zgl. — Carniolia. (I. 140.)
- 1071. (763.) **filicina F. Schmidt.** (Coll. Nr. 440.) Fruticicola A<sup>2</sup>. 104. — Carniolia. (I. 141.)
- 1072. (764.) **lanuginosa Boiss.** (Coll. Nr. 441.) Fruticicola A<sup>2</sup>. 104. — *H. roseo-tincta* Forb., *flava* Terv. — Majorka, Algeria. (I. 145.)
- 1073. (765.) **Corsica Shuttl.** † — Fruticicola A<sup>2</sup>. 104. — Corsica, Sardinia. (III. 637.)
- 1074. (766.) **Moquiniana Raym.** (Coll. Nr. 442.) Conf. *Fisch.* in Journ. Conch. VI. 1857. p. 29. — Algeria. (IV. 121.)
- 1075. (767.) **ovularis Bourg.** † — Fruticicola A<sup>2</sup>. 103. — Adrianopolis. (IV. 121.)
- 1076. (768.) **crenophila Pfr.** † — *H. muscicola* Bourg., *Mouss.* Coq. Schläfli II. p. 8. — Turcia. (IV. 121.)
- 1077. (769.) **concinna Jeffr.** † — *Hygromia concinna* (Monacha) Mörch Moll. Dan. p. 18. — Britannia, Gallia. (IV. 122.)
- 1078. (770.) **perlevis Shuttl.** † — Fruticicola A<sup>2</sup>. 104. — Corsica, Sardinia. (III. 637.)
- 1079. (771.) **sericea Drap.** (Coll. Nr. 443.) Fruticicola A<sup>2</sup>. 104. — *Mouss.* Coq. Schläfli II. p. 39: var. *caucasica*. — *H. rubiginosa* Zgl., *Bielz* Faun. Siebenb. p. 61. — *H. granulata* Ald., *globularis* Jeffr., *hispida* Mont. — *Hygromia sericea* (Monacha) Mörch Moll. Dan. p. 18. — *Hygromia rubiginosa* Mörch in Journ. Conch. XIII. p. 383. — Europa media. (I. 145.)
- 1080. (772. 773.) **jejuna Say.** (Coll. Nr. 444.) Conf. *Bland* in Ann. Lyc. N.-York VI. p. 344, ubi (praecedente *L. Pfr.* in litteris ad *W. G. Binney*) *H. Mobiliana* *Lea* iungitur. — *Binn.* Terr. Moll. IV. p. 67. — Alabama, Georgia. (I. 147. 323. IV. 122.)

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- 1081. <sup>2</sup>. (774.) **bounoboena Orb.** — An *Streptaxis* forma juvenilis? (I. 150. IV. 123.)

## §. 43.

1082. (775.) **labiata Pfr.** (Coll. Nr. 445.) *Nanina labiata* (Xesta) A<sup>2</sup>. 54. — India orient. (I. 73.)
1083. (776.) **Angelica Pfr.** — *Nanina Angelica* (Xesta) A<sup>2</sup>. 54. — India. (IV. 123.)
1084. (777.) **Orobia Bens.** — *Nanina orobia* (Hemiplecta) A<sup>2</sup>. 53. — Himalayah. (III. 117.)
1085. (778.) **monticola Hutt.** (Coll. Nr. 446.) *H. convexa* «Bens.» Reeve. — *Nanina monticola* (Orobia) A<sup>2</sup>. 58. — Himalayah. (I. 130.)
1086. (779.) **Tugurium Bens.** — Darjiling. (IV. 124.)
1087. (780.) **splendens Hutt.** — *Nanina splendens* (Orobia) A<sup>2</sup>. 58. — Himalayah. (I. 73. IV. 124.)
1088. (781.) **Afra Pfr.** — Promont. bonae spei. (IV. 124.)

1089. **H. Petasus Benson.** †

«Testa perforata, orbiculato-convexa, radiato-striatula, nitida, translucens, cornea; spira brevi, convexiuscula, apice elevatiusculo, obtuso, sutura leviter canaliculata; anfractibus 6 convexiusculis, lente accrescentibus, ultimo ad peripheriam valde rotundato, subtus convexo; apertura subverticali, late lunata, peristomate intus ad marginem ipsum albo-labiato, margine basali arcuato, columellari ad perforationem brevissime reflexo. — Diam. maj. 10, min. 9, axis 4 mill.» (B.)

β. Spira convexiori; diam. maj. 9½, min. 9, axis 4½ mill.

*Helix Petasus* Bens. in Ann. and Mag. n. h. 3d. ser. III. (May 1859.) p. 388.

Habitat ad Phie Thán, vallis Tenasserim Birmaniae.

1090. **H. Aspides Benson.** †

«H. testa obtecte perforata, orbiculato-depressa, vix striatula, laevigata, polita, cornea, subdiaphana; spira convexiuscula, subplanata, apice elevatiusculo, sutura leviter impressa, submarginata; anfractibus 6, vix convexiusculis, lente accrescentibus, ultimo demum latiore; apertura obliqua, late lunata, peristomate breviter patente, intus incrassato albido, subtus latiore, margine superiore prominente valde arcuato, basali arcuatim bisinuato, columellari brevissimo, superne reflexiusculo, pariete tenuissime calloso. — Diam. maj. 11, min. 9, axis 5 mill.» (B.)

*Helix Aspides* Bens. in Ann. and Mag. n. h. 3d. ser. XI. (May 1863.) p. 320.

Habitat in Birmania?

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1091. (782.) **bifrons Lowe.** (Coll. Nr. 447.) *Janulus* A<sup>2</sup>. 89. — *Patula* (Janulus) *bifrons* Mart. Ostas. Zool. II. p. 5. — Madera. (I. 144.)

1092. (783.) **pyrrhozona Phil.** (Coll. Nr. 448.) *H. pyroazona* (Dorcasia) A<sup>2</sup>. 107. — Camena Mart. Ostas. Zool. II. p. 48.\*) — *H. striatula* Müll., non Linn. (Mart.) — China. (I. 350.)
1093. (784.) **fasciola Drap. †** — Habitat? (Cl. Martens [Ostas. Zool. II. p. 271.] speciem omnino dubiam in synonymis *H. similis* Fér. laudat.) (I. 336.)
1094. (785.) **morbida Mor.** (Coll. Nr. 449.) Polymita A<sup>2</sup>. 146. — Cuba. (III. 120.)
1095. (786.) **Cantiana Mont.** (Coll. Nr. 450.) Fruticicola A<sup>2</sup>. 105. — *H. carthusiana* Drap., Kalenicz. in Bull. Mosc. XXVI. 2. p. 83. — *H. crepuscularis* Gmel., *pallida* Jeffr., *Da Campi Villa*. — Var.: *H. Galloprovincialis* Dup., *Stabile* Moll. viv. Piém. 1864. p. 44. (I. 133.)
1096. (787.) **Bourguignati Pfr.** (Coll. Nr. 451.) Fruticicola A<sup>2</sup>. 103. — *H. fruticola* Bourg. — Tauria. (IV. 125.)
1097. (788.) **carascaloides Bourg.** (Coll. Nr. 452.) Turcia. (IV. 126.)
1098. (789.) **cartusiana Müll.** (Coll. Nr. 453.) Fruticicola A<sup>2</sup>. 105. — Bielz Faun. Siebenb. p. 56. — *H. carthusianella* Drap., Kalenicz. in Bull. Mosc. XXVI. 2. p. 83. — *H. Gibbsii* Leach, *claustralis*, *lucernalis* et *gilvina* Zgl., — *Hygromia carthusiana* Mörch in Journ. Conch. XIII, p. 383. — Var. minor: *H. rufilabris* Jeffr. — Var.: *leucoloma* *Stabile* Moll. Lugan. 1859; Moll. viv. Piém. 1864. p. 43. (I. 132.)

1099. **H. frequens Mousson. †**

«T. depresso-convexa, anguste perforata, solidiuscula, striata, subpellucida, saturate cornea, nitida. Spira vix obtusata, regularis. Anfract. 6, regulares, convexiusculi, ultimus vix descendens, rotundatus, unicolor. Apertura rotundato-lunaris, interdum oblique latior, intus pallide cornea. Perist. rectum, albolabiatum, margine columellari subito breviter reflexo, perforationem semitegente. — Diam. maj. 7, min. 6 mill.» (M.)

β. *obscura*: «angustissime perforata, convexior, summo prominente conico, obscure cornea, anfr. 7, convexis, ultimo rotundato, subtus convexo; perist. minime reflexiusculo, tenuiter labiato; margine columellari perforationem semitegente. — Diam. 12, alt. 3 mill.» (M.)

*Helix frequens* Mouss. Coq. Schläfli I. 1859. p. 28; II. 1863. p. 46.

Habitat in tota Turcia; var. β. prope Reduktaleh.

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\*) «Testa depressa, anguste umbilicata, supra argute infra levius striata, alba, fascia obsoleta suturali et altera distincta peripherica ornata; spira mamillariter elevata, brevissime conoidea, acutiuscula; anfr. 5½, ultimus ad peripheriam obtuse angulatus, basi convexus, haud descendens; apertura parum obliqua, transverse piriformis, margine supero brevi, externo valde arcuato, basali stricto, columellari indistincto, brevissimo; peristoma intus crasse albolabiatum, dein tenue, vix repandum, margine columellari calloso-subunidentato. — Diam. maj. 15½, min. 12½, alt. 9; apert. long. 8, alt. 6 mill.» (v. M.)

1100. (790.) **obstructa Fér.** (Coll. Nr. 454.) Fruticicola A<sup>2</sup>. 405. — *Mouss. Coq. voy. Roth* 1861. p. 8. — *H. adpressula Friv.* — Syria. (I. 433.)
1101. (791.) **Schotti Zel.** — Fruticicola A<sup>2</sup>. 405. — Syria. (IV. 426.)
1102. (792.) **subobstructa Bourg.** † — Anatolia. (IV. 427.)
1103. (793.) **Cruzyi Bourg.** † — Fruticicola A<sup>2</sup>. 405. — Sebastopolis. (IV. 427.)
1104. (794.) **Syriaca Ehr.** (Coll. Nr. 455.) Fruticicola A<sup>2</sup>. 405. — *Mouss. Coq. voy. Roth* p. 8. — *H. onychina Rossm., incolata et gregaria Zgl.* — Syria, Egyptus, Algeria, Sicilia. (I. 434.)  
(795. *occidentalis Recl.* vid. Nr. 2404 in §. 443.)
1105. (796.) **rufescens Penn.** (Coll. Nr. 456.) Fruticicola A<sup>2</sup>. 404. — *H. montana C. Pfr., Kalenicz.* in Bull. Mosc. XXVI. 2. p. 84. — *H. galiziensis Jeniss.* teste A<sup>2</sup>. 338. — *H. circinnata Stud., clandestina Born, Altenana Klees, corrugata Htm., caelata Stud., striolata C. Pfr., rufina Parr., Parreyssi Fitz.* — Europa media. (I. 444.)
1106. (797.) **villosa Drap.** (Coll. Nr. 457.) Fruticicola A<sup>2</sup>. 403. — *H. pilosa Alt.* — An huc *H. phorochaetia Bourg.* Malac. Grande Chartr. 1864? — Germania, Gallia, etc. (I. 442.)

1107. **H. cedretorum Debeaux.** †

«Testa tenuis, flavo-brunnea, subopaca, depressa, tenuissime striata, umbilicata, pilis albis, simplicibus, sparsis hirsuta; apertura subdepressa, peristomate intus marginato, margine albo, crassiusculo; sutura profunda; anfractibus 5, subplanis; vertice nitido, flavescente. — Diam. 12, alt. 10, alt. anfr. ult. 6 mill.» (D.)

*Helix cedretorum Debeaux* Act. soc. Linn. Bord. XXII. Livr. 2 (1858); Journ. Conch. XI. 1863. p. 15. t. 2. f. 3. Conf. Journ. Conch. VII. p. 307 et *Aucapitaine* in Rev. et Mag. Zool. 1862. p. 453.

Habitat in regione Cedrorum Djurjura Kabyliae.

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1108. (798.) **strigella Drap.** (Coll. Nr. 458.) Fruticicola A<sup>2</sup>. 403. — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 77. — *Bielz Faun. Siebenb.* p. 57. — *H. sylvestris Alt., Altenana Gärtn., cornea Htm., piligera Andrz., fruticosa Parr.* — *Hygromia strigella* (Monacha) *Mörch Moll. Dan.* p. 49; Journ. Conch. XIII. p. 383. — Europa media, Caucasus. (I. 442.)
1109. (799.) **Bactriana Hutt.** — Fruticicola A<sup>2</sup>. 403. — Candahar Indiae. (IV. 428.)

1109 a. **H. Colliniana Bourguignat.** †

«Testa aperte pervio-umbilicata, subdepressa, globulosa, solidula, subpellucida, cornea, obscure zonula pallidiore cingulata, tenuiter striata ac paululum sub lente crispulata; spira convexo-conoidali; apice minuto, laevigato; anfractibus 6 con-



vexiusculis, regulariter crescentibus, sutura impressa separatis; ultimo exacte rotundato, ad aperturam descendente; apertura obliqua, vix lunata, rotundata; peristomate simplice, acuto, intus maxime albido-labiato; margine basali paululum expanso; margine columellari reflexo; marginibus approximatis, tenui callo albido diaphanoque junctis. — Alt. 9, diam. 15 mill.» (B.)

*Helix Colliniana* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 258.

Habitat in Suecia.

Obs. «Affinis *H. strigellae* Drap.; differt umbilico latiore, infundibuliformi, apertura minore, anfractibus eleganter rotundatis, lentius et regularius accrescentibus, etc.»

1110. (800.) **H. aristata Krynicky.** †

«Testa orbiculato-convexa, subdepressa, tenui, pellucida, aristis abbreviatis hispida, transversim striata, rivulisque longitudinalibus creberrimis rugosa, sordide brunescenti-cornea; ultimo anfractu saepe fascia albida cincto; anfractibus septenis planulatis; suturis tenuibus, profundiusculis; spira prominula; umbilico dilatato, profundo; apertura rotundato-lunulata; peristomate patulo, subreflexo, marginato. — Diam. 9, alt. 5 lin.» (Kal.)

*Helix aristata* Kryn., Pfr. Mon. Helic. I. p. 143. (E specimine manco.)

— — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 77.

— — (Fruticicola) *Alb. Hel.* ed. Mart. p. 103.

Habitat in Caucaso.

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1111. (801.) **Coreanica Ad. et Rv.** — Hadra A<sup>2</sup>. 166. — Ins. Archipelagi Coreani. (III. 121.)

1112. (802.) **umbrosa Partsch.** (Coll. Nr. 459.) Fruticicola A<sup>2</sup>. 104. — *Bielz* Faun. Siebenb. p. 58. — Germania, Transylvania. (I. 144.)

1113. (803.) **flavida Ziegl.** (Coll. Nr. 460.) Patula A<sup>2</sup>. 85. — *H. striolata* Phil., *flavescens* Parr. — Sicilia. (I. 144.)

1114. (804.) **Erdelii Roth.** (Coll. Nr. 461.) Patula A<sup>2</sup>. 85. — *Patula Erdelii* Mouss. Coq. Roth. p. 7; Coq. Schläfli II. p. 5. (Constantinop.) Injungitur *H. flavida* Zgl. — Ins. Rhodus. (I. 205. IV. 129.)

1115. (805.) **textilis Shuttl.** † — Patula A<sup>2</sup>. 86. — Ins. Palma. (III. 121.)

1116. (806.) **vilis Pfr.** — Habitat? (III. 122.)

1117. (807.) **aprica Krauss.** — Pella A<sup>2</sup>. 84. — Promont. bonae spei. (III. 123.)

1118. (808.) **Smironensis Mouss.** (Coll. Nr. 462.) Fruticicola A<sup>2</sup>. 104.



- *H. Smiruensis* (Fruticicola) Mart. Ostas. Zool. II. p. 268. \*)  
 — Mons Smiroe insulae Javae. (III. 124.)
1119. (809.) **glabella** Drap. (Coll. Nr. 463.) Fruticicola A<sup>2</sup>. 104. —  
*H. Telonensis* Mittr. — Gallia. (I. 147.)
1120. (810.) **Moutonii** Mittr. † — Gallia. (IV. 129.)
1121. (811.) **pallidula** Pfr. (Coll. Nr. 464.) Chile? (I. 147.)
1122. (812.) **depilata** C. Pfr. (Coll. Nr. 465.) Fruticicola A<sup>2</sup>. 104. —  
 Germania. (I. 148.)
1123. (813.) **hispida** Linn. (Coll. Nr. 466.) Fruticicola A<sup>2</sup>. 104. — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 79. — *Bielz* Faun. Siebenb. p. 59. — *H. sericea* et *glabella* C. Pfr. — *Hygromia* (Monacha) *hispida* Mörch Moll. Dan. p. 18; Journ. Conch. XIII. p. 383. — An huc: *H. porcina* Say? Bland in Ann. Lyc. N.-York VII. p. 142. Conf. Bland ibid. VI. p. 344 cum icone Sayana. — Europa media. (I. 148.)
1124. (814.) **Pietrushyana** Parr. (Coll. Nr. 467.) Fruticicola A<sup>2</sup>. 103. — *H. villosula* Zgl. — Podolia, Hungaria. (III. 124.)
1125. (815.) **sordulenta** Mor. (Coll. Nr. 468.) Algeria. (III. 124.)

## §. 44.

1126. (816.) **ciliata** Ven. (Coll. Nr. 469.) Fruticicola A<sup>2</sup>. 104. — *H. hirsuta* Jan, *biformis* Zgl. — Tyrolia, etc. (I. 146.)

1127. **H. Cardonae Hidalgo.** †

«T. mediocriter umbilicata, lenticularis, depressa, tenuis, carinata, sub lente striis longitudinalibus brevissime ciliatis ornata, fusco-cornea, interdum maculis minimis fulvis sparsis, vel ad suturam alternatim dispositis; spira convexiuscula, obtusa; anfr. 5½ planiusculi, ultimus antice descendens, ad peripheriam carina acuta, crenata ornatus, subtus convexus; umbilicus pervius, albidus, ½ diametri fere aequans; apertura lunaris, ad carinam angulata; perist. rectum, album, marginibus conniventibus, basali intus sublabiato. — Diam. maj. 10, min. 9, alt. 4 mill.» (H.)

*Helix Cardonae Hidalgo* in Journ. Conch. XV. 1867. p. 209.

Habitat Mahon insulae Minorcae (Cardona).

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1128. (817.) **deflorata** Lowe. † — Madera. (IV. 131.)
1129. (818.) **actinophora** Lowe. (Coll. Nr. 470.) Actinella A<sup>2</sup>. 119. —  
 Madera. (III. 123.)

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\*) «Testa parva, mediocriter umbilicata, depresso conica, tenuis, striatula, minutissime et irregulariter pilosa, brunneogrisea; spira convexa, obtusa; anfr. 4½, convexiusculi, ultimus obtuse angulatus, ad aperturam vix descendens, basi convexus; apertura parum obliqua, rotundato-lunata; peristoma acutum, marginibus remotis, margine columellari ad insertionem expanso et prolongato. — Diam. maj. 8, min. 7, alt. 5; apert. long. 4, lat. 3½ mill.» (v. M.)

1130. (819.) **Armitageana** Lowe. (Coll. Nr. 471.) Fruticicola A<sup>2</sup>. 104. — Madera. (III. 122.)  
 1131. (820.) **stellaris** Lowe. (Coll. Nr. 472.) Actinella A<sup>2</sup>. 119. — Madera. (III. 123.)  
 1132. (821.) **Celinde** Gray. — — *Nanina Celinde* (Thalassia) A<sup>2</sup>. 59. — Nova Seelandia. (III. 125.)

## §. 45.

1133. (822.) **areolata** Sow. (Coll. Nr. 473.) Euparypha A<sup>2</sup>. 130. — *Binn. Terr. Moll. IV. p. 49. t. 76. f. 11 cum var. fig. 3. (ex Chemn.)* — Cerros Island (Dr. Veatch, *Binn. Proc. Philad. 1861.*) — California. (I. 152.)  
 1134. (823.) **Pisana** Müll. (Coll. Nr. 474.) Euparypha A<sup>2</sup>. 130. — *Mouss. Coq. Roth p. 23. — H. cingenda Mont., zonaria Penn., rhodostoma Drap., petholata Ol., damascena Parr., Alboranensis WB., sardoa et albina Zgl. — Euparypha pisana Mörch in Journ. Conch. XIII. p. 386. — Jun.: H. leucas Linn. Mus., affirmante Hanley Ips. Linn. Conch. p. 361. — Regio mediterranea, ins. Canar., Madera. (I. 152.)*  
 1135. (824.) **Dehnei** Rossm. (Coll. Nr. 475.) Africa? (I. 153.)  
 1136. (825.) **subdentata** Fér. — Persia? (I. 154.)  
 1137. (826.) **Seetzeni** Koch. (Coll. Nr. 476.) Euparypha A<sup>2</sup>. 130. — *Mouss. Coq. Roth p. 21. — H. Sabaea Boiss. — Syria. (I. 154.)*  
 1138. (827.) **canescens** Ad. et Rv. — Arionta A<sup>2</sup>. 128. — Africa. (III. 127.)  
 1139. (828.) **Pandorae** Forb. (Coll. Nr. 477.) Arionta A<sup>2</sup>. 128. — *Gould in Binn. Terr. Moll. III. p. 15. — W. G. Binn. Terr. Moll. IV. p. 18. t. 76. f. 8. — H. damascenus Gould in Proc. Bost. Soc. 1856. VI. p. 41. — California. (III. 127.)*  
 1140. (829.) **levis** Pfr. (Coll. Nr. 478.) Arionta A<sup>2</sup>. 127. — *Binn. Terr. Moll. IV. p. 18. t. 76. f. 10. (ex Chemn.) — California. (I. 154.)*  
 1141. (830.) **decorata** Pfr. (Coll. Nr. 479.) Habitat? (I. 155.)  
 1142. (831.) **Durieu** Moq. (Coll. Nr. 480.) Xerophila A<sup>2</sup>. 109. — Algeria. (I. 441.)  
 1143. (831a.) **Berlieri** Mor. *Pfr. Mon. IV. p. 347. — Xerophila A<sup>2</sup>. 110. — Algeria. — An huc H. lacertarum Bourg. Malac. Alg. Fasc. III. 1863?*

1144. **H. Hipponensis** Morelet. †

« Testa anguste perforata, globoso-conica, tenuis, costulato-striata, sordide alba, fasciis vel maculis seriatis suturalibus ornata; spira conica, obtusa; anfr. 6½ convexi, ultimus ad peripheriam angulatus, non descendens; apertura rotundato-lunaris; perist. acutum, rectum, intus leviter labiatum, margine columellari subdilatato. — Diam. 10, alt. 7 mill. » (M.)

*Helix Hipponensis* Mor. in Journ. Conch. VI. p. 374. t. 12. f. 6. 7. (Malak. Bl. 1859. p. 10.)

— — (Xerophila) Alb. Helic. ed. Mart. p. 116.

Habitat inter Bona et Seybouze Algeriae.

Obs. « Proxime affinis *H. Aradasii*. »

1145. (832.) **turbinata Jan.** (Coll. Nr. 481.) *Xerophila* A<sup>2</sup>. 110. — *H. candiota* Friv., *Aradasii* Mandr., *filograna* Villa, *pustulosa* Parr., *cyclostomoides* Porro, *pilula* Mouss. — Syra, Creta. (I. 155.)

1146. **H. Kabyliaana Debeaux. †**

«Testa subglobuloidea, tenuis, albida, subcarinata junior, rugosissima, striata; ultimo anfractu 3—5 fasciis fusco-brunneis ornato, plerumque albo interruptis; apertura suborbiculari, peristomate simplici, albo labiato; spira obtusa, vertice laevigato, fusco. — Diam. 12, alt. 8 mill.» (D.)

*Helix Kabyliaana* Deb. in Act. soc. Linn. Bord. XXII. Livr. 2. Nov. 1858; Journ. Conch. XI. 1863. p. 13. Conf. Journ. Conch. VII. p. 307 et *Aucapitaine* in Rev. et Mag. Zool. 1862. p. 152.

Habitat in montibus Djurjurae in Kabylia.

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1147. (833.) **rufolabris Ben.** (Coll. Nr. 482.) *Xerophila* A<sup>2</sup>. 109. — Sicilia. (IV. 132.)

1148. **H. Semenowi Martens.**

«Testa anguste umbilicata, turbinata, solida, violascenti-albida; spira conoidea, apice obtusa, concolor; sutura medio-cris; anfractus 5, tumidi, ultimus vix descendens, teres; apertura parum obliqua, rotundato-lunata, peristoma rectum, obtusum, intus incrassatum, marginibus distantibus, arcuatis, columellari (interdum) calloso. — Diam. maj. 10½, min. 9½, alt. 8—9; apert. long. 5, lat. sive alt. 5 mill.» (v. M.)

*Helix Semenowi* Mart. in Malak. Bl. XI. 1864. p. 115. t. 3. f. 6—8.

Habitat in montibus Thianschan Asiae centralis (v. Semenow).

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1149. (834.) **pellucens Shuttl.** (Coll. Nr. 483.) *Xerophila* A<sup>2</sup>. 109. — Corsica. (I. 155.)

1150. (835.) **phalerata WB.** (Coll. Nr. 484.) *H. Roseti* WB. — Canaria. (I. 156.)

1151. (836.) **umbicula Shuttl. †** — Ins. Canarienses. (III. 639.)

1152. (837.) **melanogramma Jan. †** — Sicilia. (I. 156.)

1153. (838.) **lemniscata WB.** (Coll. Nr. 485.) *Xerophila* A<sup>2</sup>. 112. — Canaria. (I. 156.)

1154. (839.) **Michaudi Desh.** (Coll. Nr. 486.) *Xerophila* A<sup>2</sup>. 112. — *H. bicolor* Lowe. — Portosancto. (I. 157.)

§. 46.

1155. (840.) **subrostrata Fér.** (Coll. Nr. 487.) *Xerophila* A<sup>2</sup>. 110. — Hispania, Algeria. — *H. choreta* Bourg. Malac. Alg. Fasc. III. 1863? (I. 157.)

1156. (841.) **globuloidea Terv.** (Coll. Nr. 488.) Xerophila A<sup>2</sup>. 409. — Algeria. — *H. arenarum* Bourg. Malac. Alg. Fasc. III. 1863. (I. 155. III. 128.)
1157. (842.) **variabilis Drap.** (Coll. Nr. 489.) Xerophila A<sup>2</sup>. 409. — *H. virgata* Mont., *lineata* Ol., *striata* Brard, *zonaria* Don., *subalbida* Poir., *obsoleta*, *agreabilis* et *maculosa* Zgl., *monilifera* Mk., *moesta* Parr., *elegans* Brown?, *disjuncta* Turt.? — *H. burdigalensis* Grat. test. A<sup>2</sup>. 334. — *Jacosta variabilis* Mörch in Journ. Conch. XIII. p. 386. — Regio mediterranea, Britannia, ins. Canar. (I. 157.)
1158. (843.) **Oranensis Mor.** † — An huc *H. Colomiesiana* Bourg. Malac. Alg. Fasc. III. 1863? — Algeria. (IV. 133.)
1159. (844.) **Cretica Fér.** (Coll. Nr. 490.) Xerophila A<sup>2</sup>. 410. — Candia, Rhodus. (I. 159.)
1160. (845.) **simulata Fér.** (Coll. Nr. 491.) Xerophila A<sup>2</sup>. 410. — Mart. in Malak. Bl. XII. 1865. p. 184. — *H. canariensis* Shuttl. (Xerophila) A<sup>2</sup>. 409. — Syria, Egyptus, insulae Canarienses. (I. 159.)
1161. (846.) **lauta Lowe.** (Coll. Nr. 492.) *H. submaritima* Rossm. (Xerophila) A<sup>2</sup>. 409. — Africa bor. (I. 159.)

1162. **H. modica Morelet.** †

«Testa perforata, solidula, subdepresse pyramidata, obsolete rugoso-striata, albida, unicolor vel fusco fasciata et rarius variegata; spira obtusa, apice nigricante, cornea; anfr. 5—5½ exserto-planulati, sensim crescentes, ultimus ad peripheriam angulatus, plerumque filo-marginatus; apertura depressa, lunaris; peristoma acutum, rectum, intus valide labiatum. — Diam. 7, alt. 6 mill.» (M.)

*Helix modica* Mor. in Journ. Conch. VI. p. 373. t. 12. f. 8. 9.  
(Malak. Bl. 1859. p. 10.)

— — (Xerophila) Alb. Hel. ed. Mart. p. 410.

Habitat in interiore Algeriae.

Obs. «Intermedia inter *H. maritimam* et *pyramidatam*.

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1163. (847.) **maritima Drap.** (Coll. Nr. 493.) Xerophila A<sup>2</sup>. 409. — *H. lineata* Moq. — *Jacosta lineata* Mörch in Journ. Conch. XIII. p. 386. — Gallia, Teneriffa. (I. 159.)
1164. (848.) **parva Parr.** (Coll. Nr. 494.) Xerophila A<sup>2</sup>. 409. — Sardinia. (I. 441.)
1165. (849.) **Meda Porro.** (Coll. Nr. 495.) Xerophila A<sup>2</sup>. 409. — *H. subclausa* Rossm. — Sardinia. (I. 169. 442.)
1166. (850.) **Lancerottensis WB.** — Ins. Canar. (I. 195. IV. 134.)
1167. (851.) **monilifera WB.** (Coll. Nr. 496.) Xerophila A<sup>2</sup>. 412. — Ins. Canar. (I. 160. IV. 134.)
1168. (852.) **cistorum Mor.** (Coll. Nr. 497.) Lusitania. (I. 93. III. 130.)
1169. (853.) **destituta Charp.** — Xerophila A<sup>2</sup>. 411. — *Stabile* in

Rev. et Mag. Zool. 1859. p. 422.\*) t. 15. f. 6 — 10. (Synon. *H. ocellus* Villa mss.) — Aprutiae. (III. 130.)

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1170. (854.) **contermina** Shuttl. (Coll. Nr. 498.) Cochlicella A<sup>2</sup>. 117. — Corsica. — *H. psammoica* Mor. — *Bul. psammoicus* Pfr. (I. 160.)
1171. (855.) **pyramidata** Drap. (Coll. Nr. 499.) Turricula A<sup>2</sup>. 116. — *H. littoralis* et *spectabilis* Zgl. — *Trochula pyramidata* Mörch in Journ. Conch. XIII. p. 386. — Regio mediterranea. (I. 160.)
1172. (856.) **pyramidatoides** Orb. (= *H. turbiniformis* Pfr.? A<sup>2</sup>. 344.) — Cuba? (III. 131.)
1173. (857.) **Tarentina** Pfr. (Coll. Nr. 500.) Turricula A<sup>2</sup>. 166. — Sicilia. (I. 442.)
1174. (858.) **Idaliae** Bourg. † — Cyprus. (IV. 135.)

### §. 47.

1175. (859.) **cespitem** Drap. (Coll. Nr. 501.) Xerophila A<sup>2</sup>. 110. — *H. itala* Linn.?, *fasciolata* Poir.?, *isomera* Friv.? — *Jacosta cespitem* Mörch in Journ. Conch. XIII. p. 386. — Gallia, Italia, Sicilia, Hispania etc. (I. 161.)

#### 1176. **H. cespitoides** Fischer.

«Testa orbiculato-depressa, solidiuscula, umbilicata, longitudinaliter et irregulariter striata; anfractus 6½ sensim accrescentes, bruneo-violaceo tincti, et zonis obscuris ornati, rotundato-globulosi; sutura impressa, alba; anfractus ultimus rotundatus; apertura obovata, transversa; peristoma simplex, superne vix deflexum, intus albo subincrassatum; columella non callosa. — Diam. maj. 22, min. 19, alt. 12 mill.» (F.)

*Helix cespitoides* Fischer in Journ. Conch. VI. p. 278. t. 9. f. 11. 12. (Malak. Bl. 1859. p. 10.)

Habitat in Nova Caledonia.

Obs. Species (?) a formis nonnullis *H. cespitem* vix distinguenda!

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1177. (860.) **Arigonis** Rossm. (Coll. Nr. 502.) Hispania. (IV. 136.)
1178. (861.) **Adolfi** Pfr. (Coll. Nr. 503.) Xerophila A<sup>2</sup>. 110. — Hispania. (IV. 136.)
1179. (862.) **Stiparum** Rossm. (Coll. Nr. 504.) Xerophila A<sup>2</sup>. 110. — *Jacosta Stiparum* Mörch in Journ. Conch. XIII. p. 386. — Hispania. (IV. 137.)

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\*) «Testa umbilicata, depresso-turbinata, subsemiglobosa, solida, striatula, glabriuscula, nitidiuscula, calcarea; spira convexa, apice obtuso, corneo; sutura mediocris; anfractus 5 satis convexi, ultimus vix descendens, teres; apertura parum obliqua, subrotundata; peristoma simplex, rectum, tenue sublabiatum; marginibus subapproximatis, convergentibus, columellari ad umbilicum latiusculum reflexiusculo. — Alt. 5, lat. 7 — 8½ mill.» (St.)

1180. **H. Orsinii Porro.**

T. mediocriter umbilicata, conoideo-depressa, solidula, leviter striata, superne alba, fascia unica latiuscula lutea aut brunnescente ornata, subtus omnino lutescens vel brunnea; spira magis minusve elevata, vertice minuto; anfr. 6 convexiusculi, lente accrescentes, ultimus teres, antice vix descendens; apertura parum obliqua, lunato-subcircularis; perist. rectum, leviter labiatum, marginibus convergentibus, basali vix reflexiusculo, ad insertionem subdilatato, patente. — Diam. maj. 15—18, min. 14—16, alt. 7—10 mill. (Coll. Nr. 505.)

β. Minor, spira conoideo-elevata, fasciis pallidis; diam. maj. 14, min. 12 $\frac{1}{2}$ , alt. 9 mill.

*Helix Orsinii Porro* in *Villa Disp. syst.* p. 54.

— — *Phil. Sicil.* II. p. 249.

— — *Pfr. Mon. Helic.* I. p. 143. Nr. 369.

— — *Reeve sp.* 1075. t. 162?

— — (Fruticicola) *Alb. Helic. ed. Mart.* p. 103.

— *ochracea Ziegl.* mss.

— *cespitum* γ. *Pfr. Mon.* III. p. 131.

Habitat in Italia; in Aprutiis (Monte Vitone: Orsini), Sicilia (Philippi, Huet).

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1181. (863.) **Terveri Mich.** (Coll. Nr. 506.) Xerophila A<sup>2</sup>. 110. — *H. cisalpina Jan?* — *Jacosta Terveri Mörch* in *Journ. Conch.* XIII. p. 386. — Var. lutescens: *H. Ambielina Charp.* (Xerophila) A<sup>2</sup>. 110. (III. 131.)

1182. (864.) **eremophila Boiss.** (Coll. Nr. 507.) Xerophila A<sup>2</sup>. 110. — Syria. (III. 132.)

1183. (865.) **sphaerita Hartm.** — † Algeria. (I. 162.)

1184. (866.) **Krynickyi Andrz.** (Coll. Nr. 508.) Xerophila A<sup>2</sup>. 110. — *Kalenicz.* in *Bull. Mosc.* XXVI. 2. p. 90. — *Mouss. Coq. Schläfli* II. p. 6. — *H. Babondubii et palmarum Parr.* — Tauria, Croatia. (I. 162.)

1185. (867.) **ericetorum Müll.** (Coll. Nr. 509.) Xerophila A<sup>2</sup>. 110. — *Kalenicz.* in *Bull. Mosc.* XXVI. 2. p. 88. — *H. itala Linn.* Mus. teste *Hanley Ips.* *Linn. Conch.* p. 371. — *H. media Gm.?*, *dubia Htm.*, *zonaria Schrank*, *albella Penn.*, *erica Da Costa*, *umbilicaris Ol.*, *Küsteri Held.* — *Jacosta ericetorum Mörch Moll.* *Dan.* p. 20; *Journ. Conch.* XIII. p. 386. — Europa media. (I. 163.)

1186. **H. enhalia Bourguignat.** †

*H. ericetorum var. min. Moq.* — *H. arenosa Dupuy* p. 291. t. 13. f. 9 (non *Ziegl.*) — *H. enhalia Bourg.*, *Mabille* in *Journ. Conch.* XIII. 1865. p. 257.

Habitat Saint-Jean-de-Luz.



1187. **H. derbentina Andrz. †**

Conf. *Mouss. Coq. Schläfli* II. p. 28, cum varietatibus:  
*α. typica*, *β. isomera Friv.*, *γ. armeniaca Bayer*, *δ. suprazo-*  
*nata Mouss.*

Habitat in regionibus caucasicis.

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1188. (868.) **Pampelonensis A. Schmidt.** — *Xerophila* A<sup>3</sup>. 110. —  
 Hispania. (IV. 137.)

1189. (869.) **candicans Ziegl.** (Coll. Nr. 510.) *Xerophila* A<sup>2</sup>. 110. —  
*H. ericetorum Stein.* — *H. obvia Bielz* Faun. Siebenb. p. 74? —  
 Conf. *Malak. Bl.* 1865. p. 102. — Var.: *H. homoleuca Parr.* —  
 Hungaria, Germania, Italia superior. (I. 164.)

1190 ? **H. Ammonis A. Schmidt.**

«Species intermedia inter *H. ericetorum* et *candicantem*.»  
 (Coll. Nr. 511.)

*Helix Ammonis* A. Schmidt in litt.; *Strobel* in Mem. Ac. Turin.  
 Ser. 2. XVIII. 1857.

— — *Stabile* Moll. viv. Piém. 1864. p. 46.

— — (*Xerophila*) *Brus. Contr. Faun. Moll. Dalm.* 1866.  
 p. 53.

— *candicans* De Betta et Mart. Moll. terr. prov. Venet.  
 1855. p. 34. t. 1. f. 1—8.

Habitat in Italia boreali, et in Dalmatia (Brusina).

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1191. (870.) **Zeleborei Pfr.** (Coll. Nr. 512.) *Campylaea* A<sup>2</sup>. 123. —  
 Serbia. (IV. 138.)

1192. (871.) **Carascalensis Fér.** (Coll. Nr. 513.) *Campylaea* A<sup>2</sup>. 123.  
 — *Pyrenaeae.* (I. 351.)

1193. (872.) **nubigena Charp. †** — *Pyrenaeae.* (IV. 139.)

1194. (873.) **luteata Parr.** (Coll. Nr. 514.) *Xerophila* A<sup>2</sup>. 110. — Lu-  
 sitania. (IV. 139.)

1195. (874.) **neglecta Drap.** (Coll. Nr. 515.) *Xerophila* A<sup>2</sup>. 110. —  
*Kalenicz.* in Bull. Mosc. XXVI. 2. p. 89: *Tauria.* — *Mouss. Coq.*  
*Roth* p. 20: *Tiberias.* — *H. clivorum Htm.* — *Jacosta neglecta*  
*Mörch* in Journ. Conch. XIII. p. 386. — Gallia, Italia borealis,  
 Algeria. (I. 164.)

1196. (875.) **Bargesiana Bourg.** (Coll. Nr. 516.) *Xerophila* A<sup>2</sup>. 111.  
 — Syria. (IV. 139.)

1197. **H. codia Bourguignat. †**

«Testa anguste umbilicata, depresso-globulosa, subpellu-  
 cida, eleganter costata, luteolo-cornea ac lineolis corneo-fuscis,  
 eleganter interruptis spiraliter ornata; spira exacte convexa,  
 apice corneo; anfractibus 6 regulariter crescentibus convexius-  
 culis, sutura vix impressa separatis; ultimo rotundato, ad aper-  
 turam abrupte descendente; apertura perobliqua, vix lunata,

rotundata; peristomate acuto, recto, intus albido incrassato; marginibus approximatis. — Alt. 9, diam. 12 mill.» (B.)

*Helix codia* Bourg. in Rev. et Mag. Zool. 1859. p. 523. t. 20. f. 10 — 13.

— *intersecta* Morel. Moll. terr. Portug. p. 64.

Habitat in Lusitania (circa Faro et Loulé Algarviae).

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1198. (876.) **Joppensis Roth.** (Coll. Nr. 517.) Xerophila A<sup>2</sup>. 111. — Syria. (IV. 140.)

1199. (877.) **vestalis Parr.** (Coll. Nr. 518.) Xerophila A<sup>2</sup>. 110. — Mouss. Coq. Schläfli II. p. 32 var. *radiolata*. — Martens in Malak. Bl. XII. 1865. p. 85. — Egyptus. (I. 170.)

1200. (878.) **instabilis Ziegl.** (Coll. Nr. 519.) Xerophila A<sup>2</sup>. 110. — Bielz Faun. Siebenb. p. 75. — Pfr. in Malak. Bl. XII. 1865. p. 102. — *H. Leopolitana* Andr. — Var.: *H. bathyomphala* Charp. (Xerophila) A<sup>2</sup>. 110. — Var.: *H. Iphigenia* Dub. teste Parr. (Tauria) Conf. Pfr. Mon. III. p. 135. Nr. 697. — Galicia, etc. (I. 165.)

1201. (879.) **protea Ziegl.** (Coll. Nr. 520.) Mouss. Coq. Roth p. 16. — Xerophila A<sup>2</sup>. 111 (*Proteus*). — *H. obvia* Jan, *campestris* Zgl., *pustulata* Mlf. — Corfu. (I. 166.)

1202. (880.) **Candaharica Pfr.** (Coll. Nr. 521?) Xerophila A<sup>2</sup>. 111. — Ind. orient. (I. 165.)

1203. (881.) **virginalis Jan.** (Coll. Nr. 522.) *H. Berlanderiana* Pfr. Mon. I. p. 165. — Texas.

1204. (882.) **nivea Ziegl.** (Coll. Nr. 523.) Xerophila A<sup>2</sup>. 110. — *H. Alexandrina* Parr. — Corfu. (I. 165.)

1205. (883.) **dealbata Lowe.** (Coll. Nr. 524.) Ochtheophila A<sup>2</sup>. 118. — Portosancto. (I. 166.)

1206. (884.) **Hartungi Alb.** (Coll. Nr. 525.) Actinella A<sup>2</sup>. 119. — Portosancto. (III. 133.)

1207. (885.) **squalida Lowe.** (Coll. Nr. 526.) Ochtheophila A<sup>2</sup>. 118. — Madera. (III. 133.)

1208. (886.) **depauperata Lowe.** (Coll. Nr. 527.) Ochtheophila A<sup>2</sup>. 118. — Portosancto. (I. 166.)

1209. (887.) **Langloisiana Bourg.** (Coll. Nr. 528.) Turricula A<sup>2</sup>. 115. — Mouss. Coq. Roth p. 10. — *H. caperata* var. Roth in Malak. Bl. II. 1855. p. 28. — Syria. (IV. 141.)

#### 1210. **H. improbata Mousson.**

«T. late umbilicata, convexo-depressa vel depressa, inaequaliter fortiter striata, alba, grisea, vel utrinque lineis punctulatis corneis picta. Spira vix convexiuscula, saepe irregularis, summo griseo-corneo. Anfractus 5, supra planiusculi, infra rotundati, primi et medii distincte filo-carinati, ultimus irregulariter deflexus, angulo evanescente, rotundatus. Aperitura subcircularis. Perist. rectum, intus filo-labiatum, marginibus subapproximatis. — Diam. maj. 13, min. 10,2, alt. 7 mill.» (M.)

*Helix improbata* Mouss. Coq. voy. Roth 1864. p. 44.

Habitat circa Hierosolymam.

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1211. (888.) **striata Müll.** (Coll. Nr. 529.) Xerophila A<sup>2</sup>. 111. — Bielz Faun. Siebenb. p. 75. — Conf. *Martens* in Malak. Bl. VI. 1859. p. 129 et *H. intersecta* Mart. ibid. p. 135. — *H. nivea* Gm., *costulata* C. Pfr., *Narbonensis* Req., *intersecta* Pfr. olim. — An huc: *H. subcostulata* et *Agrioica* Bourg. Malac. Alg. Fasc. III. 1863? — Germania, Gallia. (I. 169. IV. 142.)

1212. **H. Ménétriesi Kaleniczenko.** †

«T. orbiculato-subdepressa, solidula, subpellucida, costulis transversis, crassiusculis, arcuatis, parum irregularibus tecta, griseo-albida fasciis binis, tenuibus, fuscis cincta; anfractibus quinis plano-rotundatis; suturis tenuibus, profundis; spira parum exserta, obtusa; umbilico mediocri, profundo cum labio ad se approximato; apertura subcompressa lunata; peristomate simplici albo intus valde incrassato. — Diam. 3<sup>1</sup>/<sub>2</sub>, alt. 1<sup>3</sup>/<sub>4</sub> lin.» (Kal.)

*Helix alpina* Ménétr. Cat. rais. p. 270. n. 1296.

— *nivalis* Ménétr., Kryn. in Bull. Mosc. 1837. Nr. 2. p. 52.

— *Ménétriesii* Kalenicz. in Bull. Mosc. 1853. XXVI. 2. p. 90.

Habitat in alpihus Caucasiciis.

Obs. «Testa valde proxima *H. costulatae* Ziegl., differre tamen videtur magnitudine majori, costulis crassioribus, arcuatis, colore obscuriori cum fasciis binis, apertura magis compressa et ultimo anfractu subcariato.» (K.)

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1213. (889.) **caperata Mont.** (Coll. Nr. 530.) Xerophila A<sup>2</sup>. 112. — *H. crenulata* Dillw., *Apex niger* Sol., *fasciolata* Drouët, *intersecta* Poir.? — Britannia, Gallia, Lusitania. (I. 167. IV. 142.)

1214. ? **H. ignota Mabilie.** †

«Testa globoso-depressa, aut globoso-conica, striato-costulata, subopaca, solida, nitida, grisea; nigro-purpurascens, rufo-vel fulvo-maculata, aut punctata, quandoque unicolor.» (M.)

*Helix intersecta* Mich., Dupuy, Moq.-Tand., nec Poir.

— *ignota* Mabilie in Journ. Conch. XIII. 1865. p. 255; XIV. 1866. p. 20. (c. varr.)

Habitat in Gallia.

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1215. (890.) **rhytiphora Charp.** † — Xerophila A<sup>2</sup>. 114. — Egyptus. (I. 443.)

1216. (891.) **profuga A. Schmidt.** (Coll. Nr. 534.) Xerophila A<sup>2</sup>. 114. — *H. striata* Drap. pt., *caperata* Pfr. olim. — Illyria, Gallia, Italia. (IV. 144.)

1217. ? **H. variegata Frivaldszky.**

«Species affinis *H. profugae* Schm., spira magis conica, anfractibus minus convexis, striis levibus et colore ab illius forma typica discrepans.» (M.)

*Helix variegata* Friv., Mouss. Coq. Schläfli I. p. 33. 43; II. p. 7 (var. *pustulosa* Parr.)

Habitat in Epiro, var. prope Constantinopolim.

1218 ? **H. meridionalis Parreyss. †**

«Differt ab *H. profuga* Schm. forma planiore, striis anfractus ultimi rudibus et umbilico amplo.» (M.)

*Helix meridionalis* Parr., Mouss. Coq. Bellardi p. 6; Coq. Schläfli I. p. 8.

— *striata* var. Rossm. Icon. I. t. 26. f. 354 e.

— *submeridionalis* Bourg. Malac. Alg. Fasc. III. 1863? (ex synonym. Parr.)

Habitat in Dalmatia (Rossm.) et in insula Corfu.

Obs. Haec certe species est diversa ab illa, quam eodem nomine olim acceperam et (Mon. I. p. 158) varietatibus *H. variabilis* adscripseram.

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1219. (892.) **Nilssoniana Beck. †** — Suecia. (IV. 144.)

1220. (893.) **Gigaxii Charp.** (Coll. Nr. 532.) *H. intersecta* (Xerophila) A<sup>2</sup>. 111. — Gallia, Belgia, Britannia. (III. 133.)

1221. **H. aberrans Mousson. †**

«T. late umbilicata, depressa, solida, nitida, vix striatula, opaca, alba, indistincte griseo - marmorata et rare punctulata. Spira subirregularis, summo corneo prominulo, sutura profundiuscula. Anfr. 5 convexiusculi; ultimus latior, non descendens, rotundatus, subtus de medio longitudinis a perforatione distincta devians, angulo dorsali supero evanescente. Apertura subverticalis lineato - circularis. Perist. rectum, acutum, intus fortiter albo - labiatum; margine supero vix producto, infero columellari vix reflexiusculo.» (M.) Dimens.?

*Helix aberrans* Mouss. Coq. Schläfli II. 1863. p. 7.

Habitat circa Constantinopolim.

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1222. (894.) **candidula Stud.** (Coll. Nr. 533.) Mart. in Malak. Bl. VI. 1859. p. 153. — Xerophila A<sup>2</sup>. 111. — *H. bidentata* Drap. — *H. thymorum* Alt., Kalenicz. in Bull. Mosc. XXVI. 2. p. 91. — *H. unifasciata* Poir., Stabile moll. Lugan. p. 25; Moll. viv. Piém. p. 48. — *Jacosta candidula* (Helicopsis) Mörch Moll. Dan. p. 20. — Germania<sup>1</sup>, Gallia, etc. (I. 168.)

1223. (895.) **lunulata Kryn. †** — Xerophila A<sup>2</sup>. 111. — Odessa. (I. 168.)

1224. **H. Caroli Dohrn et Heynemann.** †

«T. angustissime umbilicata, depresso globosa, supra rugoso-costulata, corneo-albida, castaneo-fasciata, spira obtusissima; sutura impressa; anfr.  $5\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus rotundatus, subtus obsoletius sculptus, costellis circa umbilicum evanescentibus, antice vix descendens; apertura perobliqua, lunato-ovalis, intus albo-labiata; peristomium rectum, marginibus disjunctis, columellari breviter expanso, umbilicum semitegente. — Alt. 6, diam. maj. 9, min. 8; ap. diam. maj.  $4\frac{1}{2}$ , min.  $3\frac{1}{2}$  mill.» (D.)

*Helix Caroli Dohrn et Heynem.* in Malak. Bl. IX. 1862. p. 107. Habitat in insulis Balearicis.

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1225. (896.) **derogata Rossm.** (Coll. Nr. 534.) Turricula A<sup>2</sup>. 115. — Hispania. (IV. 145.)
1226. (897.) **Murcica Guir.** (Coll. Nr. 535.) Turricula A<sup>2</sup>. 115. — *H. subrogata Rm.* — Hispania. (IV. 145.)
1227. (898.) **rugosiuscula Mich.** (Coll. Nr. 536.) Xerophila A<sup>2</sup>. 111. — Pyren. gall. (III. 134.)
1228. (899.) **apicina Lam.** (Coll. Nr. 537.) Xerophila A<sup>2</sup>. 111. — *Mouss. Coq. Roth* p. 17. (Hierosolym.) — *Dohrn et Heyn.* in Malak. Bl. IX. 1862. p. 105. (Palma, Mallorca.) — *H. Cenisia Charp., lauta Reeve.* — Gallia, Dalmatia, etc. (I. 170.)
1229. (900.) **conspurcata Drap.** (Coll. Nr. 538.) Xerophila A<sup>2</sup>. 111. — *H. radiolata Jan, Sardiniensis Porro.* — *Jacosta conspurcata* (Helicopsis) *Mörch* Moll. Dan. p. 20; Journ. Conch. XIII. p. 386. — An huc *H. Letourneuxiana et eustricta (conspurcata Mor.) Bourg.* Malac. Alg. Fasc. III. 1863? — Gallia, Dalmatia, Lusitania, etc. (I. 170.)
1230. (901.) **cyparissias Parr.** (Coll. Nr. 539.) Xerophila A<sup>2</sup>. 111. — Cyprus. (I. 171.)

## §. 48.

1231. (902.) **Turcica Chemn.** † — Marocco. (I. 171.)
1232. (903.) **filimargo Ziegl.** (Coll. Nr. 540.) Xerophila A<sup>2</sup>. 111. — Tauria. (I. 172.)
1233. (904.) **depressula Parr.** (Coll. Nr. 541.) Algeria. (I. 172.)
1234. (905.) **explanata Müll.** (Coll. Nr. 542.) Xerophila A<sup>2</sup>. 111. — *H. albella Linn.* Mus. teste *Hanley* Ips. Linn. Conch. p. 358. — *Jacosta explanata Mörch* in Journ. Conch. XIII. p. 386. — Gallia merid., Algeria. — Jun.: *H. maculata Müll.* — (I. 172.)
1235. (906.) **tetragona Mor.** † — Algeria. (III. 639.)

1236. **H. Tristrami Pfr.**

T. late umbilicata, perdepressa, acute carinata, tenuis, oblique plicato-striata, opaca, sordide albida, corneo obsolete variegata; spira vix elevata; sutura carina leviter exserta marginata; anfr. 5 planiusculi, sensim accrescentes, ultimus infra



carinam compressam, crenulatam convexus, antice non descendens; apertura obliqua, subsecuriformis; perist. rectum, intus sublabiatum, margine supero antrorsum arcuato. — Diam. maj. 12, min. 10 $\frac{1}{2}$ , alt. 4 mill. (Coll. Nr. 543.)

*Helix Tristrami* Pfr. in Proc. Zool. Soc. 1860. p. 136. (Malak. Bl. VII. p. 235.)

Habitat in regno Tunetano (Tristram).

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1237. (907.) **illibata** Parr. (Coll. Nr. 544.) Xerophila A<sup>2</sup>. 110. — Algeria. (I. 173.)

1238. (908.) **Usticensis** Calc. — Xerophila A<sup>2</sup>. 111. — Ins. Ustica. (III. 135.)

1239. (909.) **Rozeti** Mich. (Coll. Nr. 545.) Xerophila A<sup>2</sup>. 111. — *H. striatula* Linn., Menke, assentiente Hanley Ips. Linn. Conch. p. 359. — *H. amanda* Rossm., *Rozeti* Desh., *Boissyi* Terv. — Sicilia, Morea, Algeria. (III. 135.)

1240. (910.) **Brondelii** Bourg. † — Algeria. (IV. 147.)

1241. (911.) **rugosa** Chemn. (Coll. Nr. 546.) *H. corrugata* Gmel. (Xerophila) A<sup>2</sup>. 111. — Italia, Sicilia. (I. 173.)

#### 1242. **H. Homeyeri** Dohrn et Heynemann.

«T. late umbilicata, depressa, acute carinata, striata, supra planiuscula, subtus convexa, circa umbilicum angulata; coerulescenti-albida, fusco-maculata et cingulata; carina compressa, crenulata; anfr. 5 vix convexiusculi, ultimus antice descendens; umbilicus pervius; apertura securiformis; perist. rectum, intus labiatum. — Diam. maj. 12, min. 10, alt. 4; ap. lat. 5 mill.» (D. — Coll. Nr. 547.)

*Helix Homeyeri* Dohrn et Heyn. in Malak. Bl. IX. 1862. p. 103. Habitat in insula Mallorca (Homeyer).

#### 1243. **H. Nyelii** Mitre.

T. umbilicata, conoideo-depressa, solidula, carinata, conferte et subtiliter costulata, albida vel pallide lutescenti-cornea, superne maculis fuscis seriatis, subtus plerumque fasciis fuscis ornata; spira brevissime conoidea, vertice subtili; sutura submarginata; anfr. 5 vix convexiusculi, ultimus antice subdeflexus, peripheria subcrenulato-carinatus, basi convexus; umbilicus latiusculus, conicus; apertura perobliqua, rotundato-lunaris, vix angulata; perist. intus labiatum, margine supero recto, basali reflexiusculo. — Diam. maj. 11 $\frac{1}{2}$ , min. 10, alt. 5 $\frac{1}{2}$  mill. (Coll. Nr. 548.)

*Helix Nyelii* Mitre, Pfr. Mon. Hel. I. p. 175. n. 451; IV. n. 918. (Malak. Bl. VI. 1859. p. 24.)

— — (Xerophila) Alb. Hel. ed. Mart. p. 111.

Habitat in insula Minorca.



1244. **H. frater Dohrn et Heynemann.** †

«Differt a praecedente modo: testa anguste (in illa late) umbilicata; anfractu ultimo basi convexo (in illa ad carinam convexo, medio planiore, circa umbilicum angulato), umbilico  $\frac{3}{4}$  mill. (in illa 3 mill.) lato.» (D.)

*Helix frater Dohrn et Heyn.* in Malak. Bl. IX. 1862. p. 103.  
Habitat in insulis Balearicis.

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1245. (912.) **Spratti Pfr.** (Coll. Nr. 549.) Xerophila A<sup>2</sup>. 111. — Malta, Sicilia. (I. 174.)  
1246. (913.) **Setubalensis Pfr.** (Coll. Nr. 550.) Xerophila A<sup>2</sup>. 111. — *H. serrula* Mor. — Lusitania. (III. 136.)  
1247. (914.) **crenimargo Kryn.** (Coll. Nr. 551.) Xerophila A<sup>2</sup>. 111. — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 87. — *Mouss. Coq. Schläfli* II. p. 33. — *H. Piatigorskiensis* Bayer teste *Mouss. Coq. Roth* p. 15. — Caucasus. (I. 174.)  
1248. (915.) **Schombrii Scac.** (Coll. Nr. 552.) Turricula A<sup>2</sup>. 116. — Sicilia. (I. 174.)  
1249. (916.) **Adelaidae Pfr.** (Coll. Nr. 553.) Australia. (IV. 148.)  
1250. (917.) **variegata Chemn.** † — St. Croix. (I. 174.)  
(918. *Nyelii* Mittre vid. Nr. 1243.)  
1251. (919.) **callosa Ant.** † — Habitat? (I. 175.)

## §. 49.

1252. (920.) **planata Chemn.** (Coll. Nr. 554.) Euparypha A<sup>2</sup>. 130. — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 75: Tauria. — *H. helicella* Wood, *calliostoma* Ad. et Rv. — Varr.: *H. arietina* Rossm., *erythrostoma* Phil. — An huc *H. calopsis* Bourg. Malac. Alg. Fasc. III. 1863? (I. 175. III. 137.)  
1253? (921.) **pisanoides Orb.** † — Cuba. (I. 176.)

## §. 50.

1254. (922.) **Caroni Desh.** (Coll. Nr. 555.) Turricula A<sup>2</sup>. 116. — *H. turrita* Rossm. — Sicilia. (I. 176.)  
1255. (923.) **trochlea Pfr.** (Coll. Nr. 556.) Turricula A<sup>2</sup>. 116. — Algeria. (I. 177.)  
1256. (924.) **pumilio Chemn.** (Coll. Nr. 557.) Turricula A<sup>2</sup>. 116. — *H. cyclodon* WB.? — Mogador. (I. 178.)  
1257. (925.) **elata Faure-Big.** (Coll. Nr. 558.) Turricula A<sup>2</sup>. 116. — Sicilia. (I. 177.)  
1258. (926.) **Syrensis Pfr.** (Coll. Nr. 559.) Turricula A<sup>2</sup>. 116. — Ins. Syra. (I. 178.)  
1259. (927.) **apiculus Rossm.** — Turricula A<sup>2</sup>. 116. — Lampedosa. (III. 138.)  
1260. (928.) **pyramis Phil.** † — Sicilia. (I. 178.)  
1261. (929.) **Liebetruti Alb.** (Coll. Nr. 560.) *H. paucispira* Parr. — Cyprus. (III. 138.)

1262. **H. Devauxii Debeaux.** †

«Testa crassiuscula, albida, subconica, profunde sulcata; ultimo anfractu carinato, 5 fasciis fuscis vel fusco-brunneis irregulariter interruptis ornato; spira fusco-brunneo maculata; apertura subrotunda, peristomate marginato, margine albo crasso, locum umbilicalem parum tegente; umbilico angusto; sutura profunda; anfr. spirae 5. — Diam. 12, alt. 10, alt. ult. anfr. 6 mill.» (D.)

*Helix Devauxii Debeaux* in Journ. Conch. XI. 1863. p. 17.  
t. 2. f. 2.

— *maesta* Parr., Bourg. Malac. Algér. Fasc. III. 1863.

Habitat in Kabylia inferiore.

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1263. (930.) **serrulata Beck.** (Coll. Nr. 564.) Turricula A<sup>2</sup>. 116. — *H. ptychodia* Bourg. Moll. nouv., lit. etc. III. 1863. p. 66. t. 10. f. 4—7 (*H. crenulata* Oliv.)? Conf. *Martens* in Malak. Bl. XII. 1865. p. 187. — Egyptus. (II. 178.) Vid. Addenda.

1264. (931.) **tuberculosa Conr.** (Coll. Nr. 562.) Turricula A<sup>2</sup>. 116. — *Mouss. Coq. Roth* p. 13. — *H. Despreauxii* Bourg. — Syria. (IV. 149.)

1265. (932.) **Despreauxii Orb.** (Coll. Nr. 563.) Ochthephila A<sup>2</sup>. 118. — Canaria. (I. 179.)

1266. **H. Mirandae Lowe.** †

«T. aperte perforata s. subumbilicata subconico-depressa v. depresso-trochiformis, carina media, utrinque fere aequaliter convexa, supra rugosa rudiuscula grosse oblique corrugato-costata, infra laevior aequaliter plicato-striata albida fusco 4-fasciata; spira subtectiformi-depressa parum elevata; anfr. 5 planiusculis obsolete bicarinatis, ult. carina superiore indistincta, inferiore media acuta grosse plicato-crenulata; sutura distincta obsolete subcrenulato-plicata; perforatione aperta distincta cylindrica nec coarctata; apertura depressa transversa oblique ovali extus (carina) subangulata; perist. simplici recto ad axin expansiusculo subreflexo, labris distinctis remotis. — Diam. maj. 7, min. 6, axis 4—5½ mill.» (L.)

*Helix Mirandae* (Turricula) *Lowe* in Ann. and Mag. n. h. 3d. ser. VII. 1861. p. 107.

Habitat in insula Gomera Canariensi.

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1267. (933.) **terrestris Chemn.** (Coll. Nr. 564.) *H. elegans* Gmel. (Xerophila) A<sup>2</sup>. 116. — *H. scitula* Jan, *trochilus* Poir. — *Trochula elegans* Mörch in Journ. Conch. XIII. p. 386. — Regio mediterranea. (I. 179.)

1268. (934.) **Ledereri Pfr.** (Coll. Nr. 565.) *Mouss. Coq. voy. Roth* p. 14. — Cyprus. (IV. 150.)

1269. (935.) **Numidica Moq.** — Turricula A<sup>2</sup>. 116. — Algeria. (I. 444.)  
 1270. (936.) **trochoides Poir.** (Coll. Nr. 566.) Turricula A<sup>2</sup>. 116. —  
*H. conica* Drap., *sulculata* Jan, *rugosa* Ar., *pumilio* Pfr. olim.  
 — *Trochula trochoides* Mörch in Journ. Conch. XIII. p. 386. —  
 Regio mediterranea. (I. 180.)  
 1271. (937.) **pyramidella Jan.** — *H. trochoides* var. A<sup>2</sup>. 116. — Ita-  
 lia borealis. (I. 181.)

## §. 51.

1272. (938.) **alligans Adams.** (Coll. Nr. 567.) *H. epistylum* Pfr. olim.  
 — *Sagda alligans* A<sup>2</sup>. 77. — Jamaica. (III. 139.)  
 1273. (939.) **epistylioides Fér.** (Coll. Nr. 568.) *Sagda epistylioides*  
 A<sup>2</sup>. 77. — Jamaica. (I. 181.)  
 1274. (940.) **connectens Adams.** — *Sagda connectens* A<sup>2</sup>. 77. —  
 Jamaica. (III. 140.)  
 1275. (941.) **Jayana Adams.** (Coll. Nr. 569.) *H. alligans* Reeve. — *H.*  
*Cookiana* Pfr. Mon. I. p. 182. — *Sagda Sayana* A<sup>2</sup>. 77. —  
 Jamaica.  
 1276. (942.) **Cookiana Gmel.** (Coll. Nr. 570.) *H. epistylum* Dillw. —  
*H. Foremaniana* Pfr. Mon. III. p. 139. — *Sagda Cookiana* A<sup>2</sup>.  
 77. — Jamaica.

1277. **H. alveare Pfr.**

T. imperforata, fornicato-conica, solida, oblique striata, sub epidermide fulvida hirsuta albida; spira elata, apice acutiuscula; anfr. 10 vix convexi, lente accrescentes, ultimus praece-  
 dentem parum superans, basi obsolete angulatus, medio sub-  
 profunde excavatus; apertura obliqua, depresso-lunaris, intus lamina profunda, vix pone columellam conspicua munita; perist-  
 rectum, margine dextro brevi, simplice, columellari incrassato, declivi. — Diam. maj. 24, min. 22½, alt. 18 mill. (Coll. Nr. 571.)

*Helix alveare* Pfr. in Malak. Bl. IX. 1862. p. 152.

Habitat in insula Jamaica.

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1278. (943.) **Foremaniana Adams.** (Coll. Nr. 572.) *Sagda Foreman-*  
*niana* A<sup>2</sup>. 77. — Mörch in Journ. Conch. XIII. p. 381. — Ja-  
 maica. (IV. 151.)  
 1279. (944.) **triptycha Shuttl.** (Coll. Nr. 573.) Jamaica. (IV. 151.)  
 1280. (945.) **spiculosa Shuttl.** — Jamaica. (IV. 151.)  
 1281. (946.) **torrefacta Adams.** (Coll. Nr. 574.) *Sagda torrefacta* A<sup>2</sup>.  
 77. — Jamaica. (III. 140.)  
 1282. (947.) **pila Adams** (Coll. Nr. 575.) *Sagda pila* A<sup>2</sup>. 77. — Ja-  
 maica. (III. 140.)  
 1283. (948.) **lamellifera Adams.** — *Sagda lamellifera* A<sup>2</sup>. 77. —  
 Jamaica. (III. 141.)  
 1284. (949.) **osculans Adams.** (Coll. Nr. 576.) *Sagda osculans* A<sup>2</sup>. 77.  
 — Jamaica. (III. 141.)

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1285. **H. Lombardeaui Montrouzier.** †

«Testa angustissime umbilicata, globoso-depressa, tenuis, subdistanter costulato-striata, costulis acutis, lamellis vitreis papyraceis et caducissimis prolongatis; castanea, maculis et strigis lutescente-albis, undulatis, tessellata; anfr. 6, convexi, angusti, regulariter accrescentes, ultimus non descendens, altior quam latus; apert. angusta, compresso-lunaris intus profunde bilamellata; perist. simplex, marginibus callo tenui arcuatim junctis, columellari basi reflexo, umbilicum occultante. — Diam. maj. 10, min. 9, alt.  $7\frac{1}{2}$  mill.» (M.)

*Helix Lombardoi Montr.* in Journ. Conch. VIII. 1860. p. 206.

348. t. 11. f. 6.

— *Lombardeaui Marie* in Journ. Conch. XV. 1867. p. 18.

Habitat Jenguen Novae Caledoniae.

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1286. (950.) **circumfirmata Redf.** (Coll. Nr. 577.) *Helix circumfirmata* (Microphysa) A<sup>2</sup>. 83. — Bermuda. (IV. 152.)

1287. **H. discrepans Pfr.**

T. anguste umbilicata, lenticularis, carinata, solida, arcuato-striata, fulvida, subflammulata; spira conoideo-convexa, vertice subtili; anfr. 7 planiusculi, lente accrescentes, ultimus non descendens, subacute carinatus, basi convexus, intus supra carinam lamella compressa marginem attingente munitus; apertura obliqua, subrhombea; perist. simplex, rectum, margine columellari declivi, prope insertionem intus subdentato. — Diam. maj.  $10\frac{1}{4}$ , min.  $9\frac{3}{4}$ , alt. 5 mill. (Coll. Bland.)

*Helix discrepans Pfr.* in Malak. Bl. XI. 1864. p. 1.

Habitat in insula Bermuda (Dr. Rein).

Obs. Differt ab *H. circumfirmata Redf.* testa solida, spira minus elevata, carina acuta anfractus ultimi, lamella basali marginem attingente et margine columellari subdentato.

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1288. (951.) **macilenta Shuttl.** † — *Hyalina macilenta* (Gastrodonta) A<sup>2</sup>. 74. Tennessee. (III. 640.) Conf. *H. lasmodon Phill.* Nr. 1291.

1289. (952.) **gularis Say.** (Coll. Nr. 578.) *H. bicostata Pfr.* Mon. I. p. 182. — *Hyalina gularis* (Gastrodonta) A<sup>2</sup>. 74. — Amer. bor.

1290. (953.) **suppressa Say.** (Coll. Nr. 579.) *Binn. Terr. Moll.* IV. p. 122. — *H. gularis Pfr.* Mon. I. p. 183. — *Hyalina suppressa* (Gastrodonta) A<sup>2</sup>. 74. — Amer. bor.

1291. (954.) **H. lasmodon Phillips.**

T. umbilicata, depressa, subdiscoidea, tenuis, superne arcuato-striata, basi laevigata, pellucida, pallide virenti-cornea;

spira vix elevata; sutura filo-marginata; anfr. 6 lentissime accrescentes, convexiusculi, ultimus superne angulatus (angulo antice evanescente); umbilicus parvus, pervius; apertura obliqua, lunaris, dentibus 2 basalibus longe intrantibus coarctata; perist. simplex, rectum. — Diam. maj. 5, min.  $4\frac{3}{4}$ , alt. 2 mill. (Coll. Binney. An adult.?)

*Helix lasmodon* Phill., Pfr. Mon. Helic. IV. p. 453.

— — Binn. Terr. Moll. IV. p. 122. (An eadem: *H. macilenta* Sh.?)

*Hyalina lasmodon* (Gastrodonta) Alb. Helic. ed. Mart. p. 74.

*Gastrodonta lasmodon* Mörch in Journ. Conch. XIII. p. 380.

Habitat in Alabama.

### 1292. **H. sculptilis** Pease. †

«H. testa conoidali, solidiuscula, flavicante, umbilicata; spira obtusa, depressa, vix oblique confertim rugoso-costulata; anfr. 7, medio excavatis, ultimo ad peripheriam acute carinato; basi plano-convexa, radiatim conferte tenuissime costulata; umbilico cavernoso, ad januam constricto; margine acuto, una cum labio continuo; apertura subrhomboidea; fauce lamellis duabus volventibus instructa; labro simplici, acuto. — Diam. 6, alt. 3 mill.» (P.)

*Helix sculptilis* Pease in Proc. Zool. Soc. 1864. p. 669.

Habitat in insula Mangier Oceani pacifici centralis.

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1293. (955.) **margarita** Pfr. (Coll. Nr. 580.) *H. hyalina* Ad., *opalina* Ad., *infortunata* Bland. — *Odontostoma opalinum* Pfr. Mon. I. p. 12. — *Sagda opalina* (Proserpinula) A<sup>2</sup>. 78. — Jamaica.

### 1294. **H. Bouyeri** Crosse et Fischer.

T. imperforata, orbiculato-convexiuscula, tenuiuscula, laevigata, pellucida, nitidissima, fulvo-cornea; spira parum elevata, vertice minuto; anfr.  $5\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus non descendens, vix convexior, medio leviter impressus; apertura parum obliqua, lunaris; perist. rectum, subcallosum, margine supero antrorsum curvato; basali bidentato: dente columellae propiore parvulo, nodiformi, altero majore, subquadrato. — Diam. maj.  $7\frac{2}{3}$ , min. 7, alt. 4 mill. (Mus. Cuming.)

*Helix Bouyeri* Crosse et Fisch. in Journ. Conch. XI. 1863. p. 269. t. 9. f. 7. (correct. *Bouyeri* Cr. et F. ibid. XII. p. 326.)

Habitat Pulo Condor Cochinchinae.

## §. 52.

1295. (956.) **stephanophora Desh.** (Coll. Nr. 584.) Janulus A<sup>2</sup>. 89.  
— *H. calathus* Lowe. — Madera. (III. 142.)

1296. **H. polyodon Weinland et Martens.** †

« Testa umbilicata, depressa, tenuis, striatula, albida, subcarinata; spira convexa, apice prominula; sutura distincta; anfractus 6 convexiusculi, ultimus non descendens, basi convexus; apertura parum obliqua, lunaris, intus lamellis basalibus 3 validis bis interruptis coarctata; peristoma simplex, rectum, margine columellari reflexiusculo arcuato. — Diam. maj. 6, min.  $5\frac{1}{2}$ , alt. 3 mill. » (v. M.)

*Sagda polyodon* Weinl. et Mart. in Malak. Bl. VI. 1859. p. 18.

— — (Odontosagda) Mart. in Alb. Helic. ed. II. p. 78.

Habitat in insula Haiti.

1297. **H. polygyrella Bland et Cooper.** †

« T. late umbilicata, discoidea, planulata, nitida, translucida, luteo-cornea, superne costulata, costis ad aperturam obsoletis, basi laeviuscula, spira vix elevata; anfr. 7—8 convexiusculis, lente accrescentibus, ultimo antice breviter deflexo, intus seriebus duabus remotis trium dentium munito; umbilico ad apicem pervio; apertura subverticali, obliqua, lunato-ovali; perist. superne depresso, albo, simplici, valde incrassato, marginibus dente pliciformi, elevato, albo, triangulari junctis. — Diam. maj.  $4\frac{1}{2}$ , min.  $4\frac{1}{2}$ , alt. 5 mill. » (B.)

*Helix polygyrella* Bland et Coop. in Ann. Lyc. N.-York VII.  
1861. p. 365.

Habitat « Rocky Mountains » (Cooper).

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1298. (957.) **interna Say.** (Coll. Nr. 582.) *H. pomum Adami* Green. —  
*Hyalina interna* (Gastrodonta) A<sup>2</sup>. 74. — America borealis.  
(I. 183.)

1299. (958.) **lineata Say.** (Coll. Nr. 583.) Binn. Terr. Moll. IV. p. 123.  
— *Hyalina lineata* (Gastrodonta) A<sup>2</sup>. 74. — *Helicodiscus lineatus* Morse in Journ. Portl. soc. 1864. — *Discus lineata* Mörch in Journ. Conch. XIII. p. 382. — America borealis. (I. 184.)

1300. (959.) **multidentata Binn.** (Coll. Nr. 584.) Binn. Terr. Moll. IV.  
p. 123. — *Hyalina multidentata* (Gastrodonta) A<sup>2</sup>. 74. — Vermont. (I. 184.)

1301. (960.) **Pirrieana Pfr.** (Coll. Nr. 585.) Mont. Koondah Indiae.  
(IV. 154.)

1302. (961.) **bidenticulata Bens.** † — Mont. Nilgherries. (III. 165.)



1303. **H. daghoba W.** et **H. Blanford. †**

«Testa anguste perforata, depresso conoidea, oblique striata, spiraliter sulcata, carinata; suturae impressae. Anfr. 7—8 lente accrescentes subconvexi, ultimus non descendens valde carinatus, infra convexus, laevis, ad umbilicum vix impressus. Apertura subrecta depressa securiformis. Peristoma acutum ad umbilicum reflexum, intus 2 dentibus palatalibus munitum. — Alt. 3, diam. maj. 6, min. 5,3, apert. alt. 1,6 mill.» (B.)

*Helix daghoba* W. et *H. Blanf.* Contrib. to Ind. Malac. Nr. 2.  
1861. p. 10. t. 2. f. 2.

Habitat in montibus Patchamullies et Kalryenmullis Indiae meridionalis (Foote).

Obs. «Similis *H. retiferae* Pfr.»

## §. 53.

1304. (962.) **lamellosa Fér.** (Coll. Nr. 586.) Endodonta A<sup>2</sup>. 90. —  
*Endodonta lamellosa* Mörch in Journ. Conch. XIII. p. 395. —  
Ins. Sandwich. (I. 184.)

1305. **H. Fricki Pfr.**

T. late umbilicata, lentiformis, tenuiuscula, striata, corneolutescens, strigis et maculis rufis ornata; spira breviter conoidea; sutura marginata, subexserta; anfr. 7 plani vel concaviusculi, ultimus subdeflexus, acute carinatus, circa umbilicum ( $\frac{1}{4}$  diametri superantem) tumidulus; apertura obliqua, securiformis, ringens: lamellis 2 elongatis in pariete aperturali, nulla in margine columellari, 4 minoribus in basali, 1 in supero; perist. rectum, acutum. — Diam. maj. 8, min.  $7\frac{1}{2}$ , alt. 3 mill. (Coll. Nr. 587.)

*Helix Fricki* Pfr. in Proc. Zool. Soc. 1858. p. 21. t. 40. f. 3,  
(Malak. Bl. 1859. p. 11.)

Habitat in insulis Sandwich. (Dr. Frick.)

Obs. Differt ab *H. lamellosa* Fér. sculptura, umbilico lato et deficiente lamella columellari.

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1306? (963.) **pentodon Menke.** — An Pupae alicujus status juvenilis? *Martens* in Malak. Bl. VI. 1859. p. 209. Conf. *Pupa Milleri* Pfr. Mon. VI. (I. 185.)

1307. (964.) **bursatella Gould.** (Coll. Nr. 588.) Endodonta A<sup>2</sup>. 90. —  
*H. excavata* Jacq. — Taheiti, Eimeo. (III. 142.)

1308. **H. Heynemanni Pfr.**

T. umbilicata, fornicato-conoidea, solidula, leviter striata, lutea, maculis et flammis castaneis variegata; spira elata; anfr.

7 planulati, omnes exserte carinati, ultimus non descendens, subcomprime carinatus, basi convexiusculus; umbilicus amplius, in junioribus acetabuliformis, in adultis lamina acuta a labio prodeunte cinctus et fere clausus; apertura subverticalis, securiformis, lamellis 6—7 coarctata: 2 parietalibus, 3—4 basalibus unaque columellari; perist. simplex, rectum. — Diam. maj.  $5\frac{1}{2}$ , min. 5, alt.  $3\frac{3}{4}$  mill. (Coll. Nr. 589.)

*Helix Heynemanni* Pfr. in Malak. Bl. IX. 1862. p. 151.

Habitat in insula Taheiti.

Obs. Sculptura ab omnibus affinibus distinguenda.

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1309. (965.) **Jacquiniti** Pfr. (Coll. Nr. 590.) Endodonta A<sup>2</sup>. 90. — *H. cavernula* Jacq.? — Taheiti. (III. 143.)

1310. (966.) **streptaxon** Reeve. (Coll. Nr. 591.) *H. cavernula* (Endodonta) A<sup>2</sup>. 90. — *H. coarctata* Pfr., *turricula* Jacq. — Taheiti. (III. 143: *cavernula*.)

1311. (967.) **Helenensis** Forb. — Endodonta A<sup>2</sup>. 90. — *H. Alexandri* Forb. — St. Helena. (III. 144.)

1312. (968.) **Cutteri** Pfr. (Coll. Nr. 592.) St. Helena. (IV. 155.)

### 1313. **H. retunsa** Pease. †

«H. testa conica; spira obtusa, depressa, retunsa, rotundata; supra fusco et albido tessellata, subtus flammulis fuscis flexuosis radiata; anfr. 7, rotundato-convexis, oblique radiatim costulatis, costellis subdistantibus flexuosis, concentricis striatis; anfr. ultimo ad peripheriam rotundato, subtus radiatim striato et striis elevatis concentricis notato; apertura subrhomboidea; umbilico cavernoso, ad januam constricto; margine acuto; fauce lamellis duabus intus volventibus, una ad columellam, una ad anfr. penultimum instructa. — Diam. maj. 4, alt. 3 mill.» (P.)

*Helix retunsa* Pease in Proc. Zool. Soc. 1864. p. 670.

Habitat in insulis Oceani pacifici centralis.

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1314. (969.) **contorta** Fér. (Coll. Nr. 593.) Endodonta A<sup>2</sup>. 90. — Ins. Sandwich. (I. 185.)

### 1315. **H. parvidens** Pease. †

«T. parva, discoidea, superne convexiuscula, subtus rotundata; striis subtilibus, regularibus, confertis, elevatis sculpta; anfr. 5, rotundati, suturis bene impressis; apertura lunata, lamellis 6 plerumque instructa: 2 in anfr. ultimo, 4 ad columellam, 3 in anfr. penultimo; umbilicus profundus, circa  $\frac{1}{4}$  diametri occupans. Testa rufo et laete fulvo tessellata.» (P. angl.) Dimensiones desiderantur.

*Helix parvidens* Pease in Proc. Zool. Soc. 1864. p. 243.

Habitat in insula Taiti.

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1316. (970.) **daedalea** Gould. — Endodonta A<sup>2</sup>. 90. — Taheiti, Ma-tea. (I. 186.)

1317. **H. hystricella** Pfr.

T. umbilicata, discoidea, tenuiuscula, subconferte costatoplicata, albido et rufo irregulariter radiata; spira plana vel medio immersa; anfr. 6 infra suturam turgidi, ultimus rotundatus, non descendens; umbilicus  $\frac{1}{3}$  diametri occupans; apertura obliqua, rotundato-lunaris, lamellis 6 acutis coarctata: 2 aequalibus in ventre anfractus penultimi, 4 in margine basali et dextro; perist. simplex, rectum. — Diam. maj. 6, min.  $5\frac{1}{3}$ , alt.  $2\frac{1}{3}$  mill. (Mus. Cuming.)

*Helix hystricella* Pfr. in Proc. Zool. Soc. 1859. p. 25. (Malak. Bl. 1859. p. 11.)

Habitat in insulis Sandwich. (Dr. Frick.)

Obs. Persimilis *H. hystrici* Migh., a qua differt costulis minus confertis et lamellis aperturæ.

1318. **H. hystricelloides** Mousson. †

« T. parvula, umbilicata, depresso-rotundata, transversim et curvatim striato-costulata, zonis albis et corneo-griseis radiatim picta. Spira depressa, plane involuta, regularis; summo minutissimo, non emergente; sutura acute impressa. Anfr.  $5\frac{1}{2}$  lente accrescentes, subinflato-convexi; ultimus sensim descendens, subrotulaeformis, subtus rotundatus. Apertura verticalis, lunato-circularis, intus lamellis 6 ornata, 3, media minore, in pariete, 3 in palato aperturali dispositis. Perist. rectum, acutum; margine recto, in medio paulo incurvato, columellari non reflexo, cum supero lamina tenui, lamellis perspicuis ornata, juncto. Umbilicus pervius,  $\frac{1}{5}$  diametri aequans. — Diam. maj.  $4\frac{1}{4}$ , min.  $3\frac{3}{4}$ , alt.  $2\frac{1}{4}$  mill. » (M.)

*Patula hystricelloides* Mouss. in Journ. Conch. XIII. 1865. p. 169. t. 44. f. 6.

Habitat in insula Upolu (Gräffe).

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1319. (971.) **sexlamellata** Pfr. (Coll. Nr. 594.) Endodonta A<sup>2</sup>. 90. — Ins. Gambier. (I. 186.)

1320. (972.) **Oparica** Ant. (Coll. Nr. 595.) Endodonta A<sup>2</sup>. 90. — Opara. (I. 186.)

1321. (973.) **Leimonias** Gray. (Coll. Nr. 596.) Laoma A<sup>2</sup>. 100. — Nova Seelandia. (III. 144.)

## §. 54.

1322. (974.) **velata Jacq.** † — Ins. Hogoleu. (IV. 455.)  
 1323. (975.) **tichostoma Pfr.** (Coll. Nr. 597.) Microphysa A<sup>2</sup>. 83. —  
 Cuba. (I. 487.)  
 1324. (976.) **rubiginosa Gould.** (Coll. Nr. 598.) Endodonta A<sup>2</sup>. 90. —  
 Ins. Sandwich. (I. 487.)  
 1325. (977.) **Huaheinesis Pfr.** (Coll. Nr. 599.) Endodonta A<sup>2</sup>. 90. —  
 Ins. Huaheine. (III. 640.)  
 1326. (978.) **obolus Gould.** † — Endodonta A<sup>2</sup>. 90. — Taheiti. (I. 487.)

1327. **H. acetabulum Pease.** †

«T. parva, planorboidea, superne leviter convexa vel plana; umbilicus amplus, cyathiformis; utrinque subtiliter radiato-striata, ad peripheriam et umbilici marginem carinato-costata, subtus subobsolete costata; anfr. 6, carinato-rotundati, seriebus radiantibus pilorum brevium muniti, suturis bene impressis. Apertura subrhomboidea, lamella unica in anfr. penultimo munita. Testa saturate castaneo et fulvo-fusco tessellata. — Diam. 5, axis 2 mill.» (P. angl.)

*Helix acetabulum* Pease in Proc. Zool. Soc. 1861. p. 242.  
 Habitat in insula Tahiti.

Obs. «An var. *H. oboli* Gould?»

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1328. (979.) **stellula Gould.** † — Otia conch. p. 194. — Endodonta A<sup>2</sup>. 90. — Ins. Sandwich. (III. 445.)  
 1329. (980.) **jugosa Migh.** — Endodonta A<sup>2</sup>. 90. — Ins. Sandwich. (I. 488. IV. 456.)  
 1330. (981.) **hystrix Migh.** (Coll. Nr. 600.) Endodonta A<sup>2</sup>. 90. — *H. setigera* Gould. — Ins. Sandwich. (I. 446. III. 445.)  
 1331. (982.) **binaria Pfr.** (Coll. Nr. 604.) Ins. Sandwich. (IV. 456.)

1332. **H. Strebeli Pfr.**

T. perforata, depresso-conoidea, superne conferte costulata, fusca; spira convexo-conoidea; anfr. 5½ convexiusculi, lente accrescentes, ultimus non descendens, peripheria crenato-subcarinatus, infra angulum sublaevigatus; apertura obliqua, auriformis, lamellis 2 parietalibus (extima antrorsum elongata, altera profundiore) munita; perist. simplex, margine supero recto, basali versus insertionem reflexiusculo. — Diam. maj. 2⅔, min. 2½, alt. 1½ mill. (Coll. Nr. 602.)

*Helix Strebeli* Pfr. in Malak. Bl. VIII. 1861. p. 71. t. 1. f. 5—8.

Habitat Mirador, Veracruz reipublicae mexicanae.

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1333. (983.) **bilamellata Pfr.** (Coll. Nr. 603.) Endodonta A<sup>2</sup>. 90. —  
 Opara. (I. 488.)

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1334. **H. ficta Pease.** †

«H. t. lenticulari, depressa, solidiuscula, late et profunde umbilicata, albicante, subcretacea, sordida, fusco-castaneo radiatim strigata vel tessellata; anfr. 8; spira vix elevata; plano-convexa, supra depressa; anfr. exterioribus plerumque prope margines sulcatis; anfr. ultimo ad peripheriam acute carinato, deinde planulato, circa umbilicum acute carinato; apertura rhomboidea, lamella unica volvente instructa; labro simplici, acuto. — Diam. 7, alt.  $2\frac{1}{2}$  mill.» (P.)

*Helix ficta Pease* in Proc. Zool. Soc. 1864. p. 669.

Habitat in insulis Oceani pacifici centralis.

Obs. An huc? Locus lamellae volventis non indicatus! *Carpenter* (l. c. p. 669 in adnot.) cum *H. fabrefacta Pease* (Nr. 1030) identicam censet.

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1335. **H. Mariei Crosse.** †

«T. latissime et pervie umbilicata, subdiscoidea, planorbiformis, utrinque concava, tenuiuscula, nitidula, striis longitudinalibus flexuosis, subobliquis, elegantissime impressa, cornea, maculis rufis variegata; spira perdepressa, concava, medio profunde immersa, infundibuliformis; anfr. 7 angustissimi, subplanati, immersi, embryonales 2 laeves, albido-cornei, sequentes sutura impressa, submarginata discreti, ultimus descendens, caeteros involvens, utrinque valide carinatus et rufo subregulariter maculatus, medio vix convexiusculus, rufo obscure marmoratus et variegatus; apertura perobliqua, auriformis, angusta; perist. simplex, subcontinuum, flexuosum, album, marginibus lamella prominula, alba junctis, basali latiusculo, subreflexo, externo mox attenuato, medio incurvato, subangulato, et usque ad insertionem aperturam coarctante. — Diam. maj.  $4\frac{1}{2}$ , min. 4, alt. 2 mill.» (Cr.)

*Helix Mariei Crosse* in Journ. Conch. XV. 1867. p. 211.

Habitat prope Noumea Novae Caledoniae, rara (E. Marie).

Obs. «Species insignis, *H. Montrouzieri* et *Cabriti* (forsan conjungendis) valde affinis, sed statura minore, forma utrinque subaequaliter et minus profunde concava, striis anfractuum majoribus, sutura non profunda, anfractu ultimo medio minus convexo, apertura magis obliqua, auriformi et lamella prominula coarctata, peristomate magis flexuoso, et margine externo angulatim incurvato facile distinguenda.»

§. 55.

1336. **H. delphinuloides Lowe.**

T. late umbilicata, depressa, solida, undique minute foveato-rugosa, opaca, carneo-grisea; spira vix elevata, vertice

minuto; sutura profunda, marginata; anfr. 6 subangulosi, superne juxta suturam fortiter plicato-subclathrati, ultimus ad peripheriam et in umbilico liris nonnullis spiralibus notatus, antice profunde deflexus, subsolutus; apertura fere horizontalis, rotundata; perist. continuum, undique subaequaliter expansum. — Diam. maj.  $17\frac{1}{2}$ , min.  $14\frac{2}{3}$ , alt. 6 mill. (Coll. Nr. 604.)

*Helix delphinuloides* Lowe in Ann. and Mag. n. h. 3d. ser. VI. (Jul. 1860.) p. 44. t. 1. f. 1 — 3. Conf. Lowe ibid. Aug. 1862.

— — Pfr. in Malak. Bl. XI. 1864. p. 54. t. 2. f. 14 — 16.

Habitat «Ribeiro de Fayal» insulae Maderae.

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1337. (984.) **obtecta** Lowe. (Coll. Nr. 605.) Ochthephila A<sup>2</sup>. 118. — Portosancto. (I. 188.)

1338. **H. latina** Paiva. †

«T. umbilicata, turbinato-depressa, crassiuscula, ecarinata, sordide alba, confertim rugoso-striata, obsolete granulata; spira elatiuscula, apice subdepressa; sutura impressa; umbilicus patulus, spiralis, profundus, atrio amplissimo; anfr.  $5\frac{1}{2}$  convexi, ultimus rotundato-inflatus, antice deflexus; apertura lunato-circularis; peristoma intus callosum, continuum, solutum. — Diam. maj. 10, min. 8, alt. 6 mill.» (De P.)

*Helix latina* De Paiva in Journ. Conch. XIV. 1866. p. 341. t. 11. f. 7.

Subfossilis reperitur in insula Portosancto.

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1339. (985.) **abjecta** Lowe. (Coll. Nr. 606.) Ochthephila A<sup>2</sup>. 118. — Portosancto. (I. 188.)

1340. (986.) **calculus** Lowe. (Coll. Nr. 607.) Portosancto. (IV. 157.)

1341. (987.) **commixta** Lowe. † — Portosancto. (IV. 157.)

1342. (988.) **compar** Lowe. (Coll. Nr. 608.) Ochthephila A<sup>2</sup>. 119. — Madera. (III. 145.)

1343. (989.) **taeniata** WB. † — Ins. Canar. (I. 189.)

1344. (990.) **paupercula** Lowe. (Coll. Nr. 609.) Ochthephila A<sup>2</sup>. 118. — *H. trachelodes* Menke. — Madera, Portosancto, Fayal. (I. 189.)

1345. (991.) **coronata** Desh. (Coll. Nr. 610.) Ochthephila A<sup>2</sup>. 118. — *H. juliformis* Lowe. — Madera. (III. 146.)

1346. (992.) **coronula** Lowe. (Coll. Nr. 611.) Ochthephila A<sup>2</sup>. 118. — Testa bicarinata! Habitat in declivibus supra mare in parte meridionali insulae Maderae. (Ann. and Mag. n. h. 3d. ser. X. Aug. 1862. p. 94.) — Conf. Pfr. in Malak. Bl. XI. 1864. p. 55. t. 2. f. 8 — 11. (III. 136.)



§. 56.

1347. (993.) **thiarella WB.** (Coll. Nr. 612.) Ochthephila A<sup>2</sup>. 118. —  
Viva lecta in ora septentrionali insulae Maderae (*Wollaston et*  
*Lowe.*) Animal nigrum. Conf. Ann. and Mag. n. h. 3d. ser. X.  
p. 93. (I. 194.)
1348. (994.) **echinulata Lowe.** (Coll. Nr. 613.) Ochthephila A<sup>2</sup>. 118.  
— Portosancto. (I. 189.)
1349. (995.) **bicarinata Sow.** (Coll. Nr. 614.) Ochthephila A<sup>2</sup>. 118.  
— *H. duplicata Lowe.* — Portosancto. (I. 190.)
1350. (996.) **oxytropis Lowe.** (Coll. Nr. 615.) Ochthephila A<sup>2</sup>. 118.  
— Portosancto. (I. 190.)
1351. (997.) **turricula Lowe.** (Coll. Nr. 616.) Ochthephila A<sup>2</sup>. 118. —  
Portosancto. (I. 190.)

1352. **H. Newka Dohrn.** †

«T. perforata, pyramidato-turrita, confertissime costulata, griseo-flavida, castaneo-maculata et zonata; spira obtusa, valde elevata; sutura distincta; anfr.  $6\frac{1}{2}$ —7 bicarinati, carinis obtusis, sulco divisis, ultimus basi valde convexus; apertura per-obliqua, lunato-ovalis; perist. superne rectum, basi breviter reflexum, marginibus callo junctis. — Alt. 11, diam. maj.  $9\frac{1}{2}$ , min.  $8\frac{3}{4}$ ; ap. diam. maj.  $5\frac{1}{2}$ , min.  $4\frac{1}{2}$  mill.» (D.)

*Helix Newka Dohrn* in Malak. Bl. IX. 1862. p. 106.

Habitat Palma, Mallorka (Homeyer).

1353. **H. majoricensis Dohrn et Heynemann.** †

«T. *mediocriter umbilicata, pyramidata*, spisse costulata, griseo-flavida, castaneo-maculata et fasciata; spira obtusa, sutura distincta; anfr.  $5\frac{1}{2}$  modice convexi, ultimus medio *unicarinatus*, basi valde convexus, antice descendens; apertura per-obliqua, lunato-ovalis; perist. superne rectum, basi incrassatum, breviter reflexum, marginibus callo tenui junctis. — Alt. 7, diam. maj. 10, min. 8; ap. diam. maj. 5, min.  $3\frac{1}{2}$  mill.» (D.)

*Helix majoricensis Dohrn et Heyn.* in Malak. Bl. IX. 1862.  
p. 106.

Habitat Palma, Mallorka (Homeyer).

§. 57.

1354. (998.) **Boissieri Charp.** (Coll. Nr. 617.) *Mouss. Coq. voy.* Roth  
p. 25. — *Leucochroa Boissieri* A<sup>2</sup>. 79. — Arabia petraea, Ju-  
daea. (I. 436.)

1355. **H. filia** Mousson.

T. imperforata, depressa, solidula, striatula, nitida, candida; spira convexa, vertice subtili prominente; anfr. 4 convexiusculi, ultimus subdepresso-rotundatus, antice constrictus et deflexus; apertura perobliqua, subsecuriformis, tuberculo parietali juxta insertionem marginis dextri coarctata; perist. irregulare, margine dextro superne subsimplice, ad dextram profunde sinuato, basali arcuato, incrassato, reflexo. — Diam. maj. 17, min. 15, alt. 10 mill. (Coll. Nr. 618.)

*Helix filia* Mouss. Coq. voy. Roth 1861. p. 26.

*Leucochroa filia* Alb. Helic. ed. Mart. p. 79.

Habitat in Palaestina. Solum lecta prope Es-Zonere ad mare mortuum.

## §. 58.

1356. (999.) **fucata** Pfr. — Australia. (III. 641.)

1357. (1000.) **virginea** Ad. † — Leptoloma A<sup>2</sup>. 167. — Jamaica. (III. 149.)

1358. (1001.) **niphas** Pfr. — Ins. Azor. (IV. 159.)

## §. 59.

1359. (1002.) **follis** Fér. † — Habitat? (I. 191.)

1360. (1003.) **pachystyla** Pfr. — *Cochlostyla pachystyla* (Xanthomelon) A<sup>2</sup>. 174. — Nova Seelandia. (I. 49.)

1361. (1005.) **crispata** Pfr. (Coll. Nr. 619.) Eurycratera A<sup>2</sup>. 147. — Haiti. (I. 23.)

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1362. (1042.) **radiosa** Ziegl. (Coll. Nr. 620.) Pfr. Mon. Hel. IV. p. 167. (Rossm. f. 456. — Reeve Nr. 519.) — Pomatia A<sup>2</sup>. 141. — *H. taurica* Kryn., Bourg. in Rev. et Mag. Zool. 1860. p. 73. t. 3. f. 4—6. Conf. Mouss. Coq. Schläfli II. p. 34. — Tauria, Georgia. (I. 234.)

1363. (1004.) **ligata** Müll. (Coll. Nr. 621.) Kalenicz. in Bull. Mosc. XXVI. 2. p. 71. — Bourg. in Rev. et Mag. Zool. 1860. p. 158. — *H. secernenda* Rossm. (Pomatia) A<sup>2</sup>. 141. — *Pomatia secernenda* Mörch in Journ. Conch. XIII. p. 390. — Fiume, Italia, Rossia. — β. *H. albescens* Jan, Bourg. l. c. p. 159. (I. 240.)

1364. **H. Nilotica** Bourguignat. †

«Testa obtecte imperforata, magna, globoso-conica, sordide striata, ad suturam fere costellata, pallide albidulo-fusca, ac zonulis albidulis evanescentibus obscure zonata; spira elato-conica; apice laevigato-obtuso; anfractibus 5½ convexiusculis, celeriter crescentibus, sutura impressa separatis; ultimo maximo, rotundato, ad aperturam paululum descendente; apertura paululum obliqua, lunato-rotundato; peristomate simplice, leviter

incrassato, obtusato; margine columellari fere recto, expanso ac late reflexo; marginibus tenui calle junctis. — Alt. 42, diam. 38, apert. alt. 26 mill.» (B.)

*Helix Nilotica* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 106.  
t. 6. f. 10 — 12; Moll. nouv., litig. etc.  
Fasc. I. p. 15. t. 2. f. 10—12.

— — *Martens* in Malak. Bl. XII. 1865. p. 192.

Habitat in ripis Nili prope Damiette.

1365. **H. asemnis Bourguignat. †**

«Testa imperforata, solida, cretacea, albida vel zonulis castaneis 2—3 obscure cingulata, sordide striata; anfractibus 5 convexiusculis, celeriter crescentibus, ultimo magno, dilatato; apertura albida, lunato-rotundata, parum obliqua; peristomate simplice, acuto, candido, columellari reflexo, adpresso; marginibus sat approximatis, callo albido tenui junctis. — Alt. 40, diam. 40 mill.» (B.)

*Helix asemnis* Bourg. in Rev. et Mag. Zool. 1860. p. 159. t. 8.  
f. 4. 5.

— *solida* Ziegl. teste Mouss. Coq. voy. Roth p. 34.

Habitat in monte Tauro Anatoliae.

Obs. «Differt ab *H. ligata* testa crassiore, colore plerumque uniformi albido, vertice obtusiore, peristomate fortiore, apertura minus alta, magis obliqua, anfractibus lentius accrescentibus.»

1365a. **H. solida Ziegler, Albers. †**

«Testa imperforata, globoso-conica, solida, rugoso-striata, alba, nitidiuscula, fasciis 5 obsoletis; anfractus 5 convexiusculi, ultimus magnus, profunde descendens; columella arcuata, candida; apertura magna, rotundato-ovata, intus margaritacea; peristoma simplex, obtusum, rectum, intus candide limbatum, margine columellari dilatato, reflexo, adpresso. — Diam. maj. 39, min. 33, alt. 28 mill.» (A.)

β. Globosior, spira obtusa, fasciis magis distinctis.

*Helix solida* (Pomatia) Ziegl. mss., Alb. Helic. ed. Mart. p. 142.

Habitat ad montem Libanon.

Obs. Quid? Species evidenter diversa ab illa *H. solida* Ziegl., cui Bourg. ob *H. solidam* Pfr. nomen tribuit *H. asemnis*.

1366. **H. Mahometana Bourguignat. †**

«Testa imperforata, globosa, solida, irregulariter striata, albidula, zonulis 2, vel 3, aut 4 uniformiter castaneis, vel irregulariter fusco-nigris, cingulata; anfractibus 6 convexiusculis, regulariter crescentibus, ultimo parum inflato, antice ad aper-

turam sat descendente; apertura obliqua, lunato-subtetragona, parvula; peristomate castaneo, ad insertionem labri externi acuto, rectoque, basali subincrassato ac valide reflexiusculo, columellari incrassato, perdilatato, adpresso; marginibus sat approximatis ac tenui callo castaneo junctis. — Alt. 40, diam. 49 mill.» (B.)

*Helix Mahometana* Bourg. in Rev. et Mag. Zool. 1860. p. 157. t. 4. f. 5. 6.

— *castanea* Oliv. voy. I. p. 224. t. 17. f. 1, non Müll.

— *mutata* Lam. ex parte.

— *lucorum* Bourg. Cat. rais. Moll. or. 1853. p. 13; Amén. malac. I. 1855. p. 108.

Habitat prope Constantinopolim: Ghemleck et Daoud-Pascha.

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1367. (1006.) **cincta** Müll. (Coll. Nr. 622.) Pomatia A<sup>2</sup>. 144. — *H. grisea* \*) Pfr. Mon. — Var.: *H. ambigua* Parr., Mouss. Coq. Schläfli I. p. 5. 28 (Corfu et Epirus) = *cyrtolena* Bourg. in Rev. et Mag. Zool. 1860. p. 165. — *H. obtusalis* Ziegl., Bourg. l. c. p. 160. t. 8. f. 1—3. — *H. Philibinensis* Friv., Mouss. Coq. Bellardi p. 20; Coq. Schläfli II. p. 37. — *H. Pollinii* Da Campo, Bourg. l. c. p. 161. t. 7. f. 3. — Illyria, Gallia meridionalis, etc. (I. 236.)

1368. (1006β.) **vulgaris** Parr. (Coll. Nr. 623.) Bourg. in Rev. et Mag. Zool. 1860. p. 160. t. 7. f. 4—6 (Tauria et Caucasus). — *H. obtusalis* Mouss. Coq. Bellardi p. 21; Coq. Schläfli II. p. 37. — Var.: *H. bicincta* Dubois (teste Mousson). — An eadem? *H. obtusata* (Pomatia) Ziegl., Alb. Helic. ed. Mart. p. 143.\*\*)

### 1369. **H. pycnia** Bourguignat. †

«T. imperforata, ventricosoglobosa, crassa, cretacea, albidula, irregulariter striata; anfr. 4½ convexis, celeriter crescentibus, ultimo ac penultimo maximis, globosis; ultimo ad aperturam paululum descendente; apertura lunata, fere rotundata;

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\*) Hanley (Ips. Linn. Conch. p. 378.) *Helicem griseam* Linn. Mus. revera *aspersam* Mülleri esse asserit, quare speciei nostrae nomen Müllerianum restituendum!

\*\*) «Testa obtecte perforata, depresso globosa, tenuis, diaphana, subtiliter elevato-striata, minutim punctato-decussata, sordide flava, fasciis 4 castaneis; anfr. 4, ultimus antice sensim descendens; spira brevis, obtusa; apertura oblongo-rotundata, intus nitida, fasciis pellucetibus; peristoma simplex, vix expansiusculum, intus pallide hepatico-labiatum; columella intrans, stricta, parum incrassata, margine fornicatim reflexa, perforationem fere tegens; callus parietis aperturalis tenuissimus. — Diam. maj. 31, min. 26, alt. 24 mill. — Var. β: testa parum solidior, spira paululum producta, anfractus embryonales fere mamillati, callus columellaris appressus, perforationem plane tegens: *H. vulgaris* Parr. — Odessa.» (Albers.)

peristomate candido, incrassato, non reflexo, acuto; columella incrassata; marginibus callo crasso albidoque junctis. — Alt. 32, diam. 33 mill.» (B.)

*Helix pycnia* Bourg. in Rev. et Mag. Zool. 1863. p. 164. t. 6. f. 7—9.

Habitat prope Nazareth Syriae.

1370. **H. pachya Bourguignat.**

«Testa imperforata, globosa, crassa, ponderosa, cretacea, candida, vel zonulis castaneis obscure cingulata, striata; spira conica, apice levi, obtusiusculo; anfractibus 5 convexiusculis, celeriter crescentibus; ultimo sordide striato, ventricosus, crasso, ad aperturam vix vel non descendente; apertura parum lunata, rotundata; peristomate intus candido-incrassato, simplice non reflexo; columella calloso-incrassata; marginibus sat approximatis, callo valido, crasso, candidoque junctis. — Alt. 30—35, diam. 28—32 mill.» (B.) — «Diam. maj. 40, min. 36, alt. 56 mill.» (M. — Coll. Nr. 624.)

β. Elongata. Testa majore, spira elato-conica; zonulis 5 castaneis cingulata.

*Helix pachya* Bourg. in Rev. et Mag. Zool. 1860. p. 162. t. 5. f. 6—9.

— — Mouss. Coq. voy. Roth p. 31. (Descriptio emend.)

— *texta* Mouss. mss. olim.

Habitat in Syria (praesertim circa lacum Tiberiadem), Aegypto, Tunis et Algeria.

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1371. (1007.) **melanostoma Drap.** (Coll. Nr. 625.) Pomatia A<sup>2</sup>. 144. — Bourg. in Rev. et Mag. Zool. 1860. p. 165. — Martens in Malak. Bl. XII. 1865. p. 192. — Pomatia melanostoma Mörch in Journ. Conch. XIII. p. 390. — Europa meridionalis. (I. 237.)

1372. (1008.) **cavata Mouss.** (Coll. Nr. 626.) Pomatia A<sup>2</sup>. 144. — Conf. Mouss. Coq. voy. Roth p. 30 et Bourg. l. c. p. 164. t. 5. f. 5. — Palaestina. (IV. 160.)

1373. (1009.) **prasinata Roth.** (Coll. Nr. 627.) Pomatia A<sup>2</sup>. 144. — Mouss. Coq. voy. Roth p. 31. — Syria. (IV. 160.)

1374. (1010.) **figulina Parr.** (Coll. Nr. 628.) Pomatia A<sup>2</sup>. 144. — Bourg. l. c. p. 164. t. 5. f. 1. 2. — Dalmatia, Graecia. (I. 237.)

1375. **H. pomacella Parreyss.**

T. imperforata, conico-globosa, tenuiuscula, ruguloso-striata, corneo-albida unicolor vel fasciis 5 fuscis (3 superioribus obsoletis) notata; spira breviter conica, obtusula; anfr. 4½, superi convexiusculi, ultimus inflatus, antice vix descendens; apertura parum obliqua, lunato-subcircularis; perist. simplex,

rectum, marginibus convergentibus, columellari arcuato, calloso, reflexo, appresso. — Diam. maj. 22, min. 18, alt. 20 mill. (Coll. Nr. 629.)

*Helix pomacella* Parr., Mouss. Coq. Bellardi p. 19; Coq. Schläfli H. p. 11.

— — Bourg. in Rev. et Mag. Zool. 1860. p. 165. t. 5. f. 3. 4.

Habitat in utroque littore Bospori.

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1376. (1011.) **nucula** Parr. (Coll. Nr. 630.) Pomatia A<sup>2</sup>. 144. — Bourg. l. c. p. 166. — Alexandria. (IV. 160.)

1377. (1012.) **Engaddensis** Bourg. (Coll. Nr. 631.) Pomatia A<sup>2</sup>. 144. — Bourg. l. c. p. 162. t. 8. f. 6—8. — Mouss. Coq. voy. Roth p. 30. — Palaestina. (IV. 161.)

1378. (1013.) **Philibensis** Friv. (Coll. Nr. 632.) Rumelia. (IV. 161.)

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### 1379. **H. Lorioliana** Crosse. †

« T. imperforata, subglobosa, tenuis, vix diaphana, striis minutis, irregularibus, subobliquis, longitudinaliter impressa, lutescens, castaneo-bifasciata; spira mediocris, superne paululum depressa; sutura parum regulariter impressa; anfr. 5 convexo-planiusculi, ultimus magnus, spiram superans, antice descendens, basi pone columellam castanea; columella declivis, superne in callum basalem, tenuem dilatata, rosea; apertura lunato-elliptica, albida, intus bifasciata; peristoma simplex, tenue, subexpansum, non reflexum. — Diam. maj. 26, min. 21, alt. 17½ mill. » (Cr.)

*Helix Lorioliana* Crosse in Journ. Conch. XI. 1863. p. 273. t. 9. f. 6.

Habitat in Australia meridionali.

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1380. (1014.) **candidissima** Drap. (Coll. Nr. 633.) Mouss. Coq. voy. Roth p. 33 cum varr. *minuta* et *hierochuntina*. — Gassies in Journ. Conch. XIV. p. 35. — *Leucochroa candidissima* A<sup>2</sup>. 79. — *Zonites? candidissimus* Mort. Et. Zonit. 1862. p. 21. — *Zonites* (Calcarina) *candidissima* Mörch in Journ. Conch. XIII. p. 380. — Varr.: *H. rimosa* Jan, *depressa* Mlf., *Hierochuntina* Boiss. — Regio mediterranea. (I. 282.)

1381. (1015.) **Baetica** Rossm. (Coll. Nr. 634.) Gassies in Journ. Conch. XIV. p. 36. — *Leucochroa baetica* A<sup>2</sup>. 79. — *Zonites* (Calcarina) *baetica* Mörch in Journ. Conch. XIII. p. 380. — Hispania. (IV. 162.)

### 1382. **H. Mayrani** Gassies. †

« Testa imperforata, superne conico-globosa, carinata, sub epidermide rufescente granulato-crispata, subtus planiuscula,



nitida, carneo-albescens, carina filiformi, crispata, prope labrum evanescente; anfr. 5—6 *convexi*, ultimus superne striis radiantibus ornatus; sutura profunde intrante; apertura obliqua, ovato-rotundata; peristoma simplex, subdilatatum, intus subincrassatum, album, vel pallide carneum; columella dilatata, nitida; umbilico patulo clauso. — Diam. maj. 19—20, min. 15—16, alt. 15 mill.» (G.)

*Helix Mayrani* Gass. in Act. Soc. Linn. Bord. 3e sér. I. 1856.  
p. 1. f. 1. 2. 3; Journ. Conch. XIV. 1866.  
p. 35.

Habitat in Algeria.

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1383. (1016.) **nivosa** Sow. (Coll. Nr. 635.) *H. exalbida* Wood. — *H. phlebophora* Lowe (Leptaxis A<sup>2</sup>. 139. — Var.: *H. craticulata* Lowe. — Portosancto. (I. 192.)

### §. 60.

1384. (1017.) **Nympha** Pfr. — *Helix nympha* (Corasia) A<sup>2</sup>. 170. — Ins. Philippin. (III. 147.)

1385. (1018.) **ceratomma** Pfr. — Caucasus. (IV. 162.)

1386. (1019.) **undata** Lowe. (Coll. Nr. 636.) Leptaxis A<sup>2</sup>. 139. — *H. corrugata* Sol., *Groviana Fér.*, *scabra* Wood. — *Leptaxis undata* Mörch in Journ. Conch. XIII. p. 390. — Madera. (I. 191.)

1387. (1020.) **vulcania** Lowe. (Coll. Nr. 637.) Leptaxis A<sup>2</sup>. 139. — Madera. (III. 147.)

### 1388. **H. leonina** Lowe.

T. imperforata, depresso conoideo-globosa, tenuiuscula, arcuato-plicata et irregulariter foveolata, virenti-fulva, superne fasciis 2 castaneis ornata; spira brevis, conoidea; anfr. 5½ convexiusculi, ultimus rotundatus, inflatus, antice descendens; apertura perobliqua, fere circularis, intus margaritacea; perist. simplex, marginibus approximatis, callo tenui junctis, dextro vix expansiusculo, basali subincrassato, ad columellam perdilatato, adnato, carneo. — Diam. maj. 30, min. 25, alt. 18 mill. (Coll. Nr. 638.)

*Helix leonina* Lowe in Ann. and Mag. n. h. 2d. ser. IX. p. 113.

— — Pfr. Novit. conch. Fasc. XXIV. p. 297. Nr. 407.  
t. 72. f. 6. 7.

— *vulcania* var. Pfr. Mon. Helic. III. IV.

Habitat in insulis Desertis prope Maderam.

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1389. (1021.) **Phaedra** Pfr. — Plagiptycha A<sup>2</sup>. 145. — Haiti. (III. 148.)

1390. (1022.) **Phillipii** Gray. — Ins. Phillip oceani pacifici. (I. 192.)

1391. (1023.) **advena** WB. (Coll. Nr. 639.) Leptaxis A<sup>2</sup>. 139. — Ins. Canar., Azor., St. Vincent. (I. 270.)

1392. (1024.) **Azorica Alb.** — Leptaxis A<sup>2</sup>. 139. — Ins. Azor. (III. 148.)  
 1393. (1024 a.) **Caldeirarum Mor.** et **Dr.** — Pfr. Mon. IV. p. 347. —  
 Ins. Azor.  
 1394. (1024 b.) **Kivi Gray.** — Pfr. Mon. Hel. IV. p. 347. — *Nanina?*  
*Kivi Gray.* — Nova Seelandia. (I. 192.)  
 1395. (1025.) **venulata Pfr.** (Coll. Nr. 640.) Nova Seelandia. (IV. 163.)

## §. 61.

1396. (1026.) **hirsuta Say.** (Coll. Nr. 641.) Binn. Terr. Moll. IV. p. 62.  
 — Stenotrema A<sup>2</sup>. 96. — *H. fraterna Wood.* — *Tridopsis* (Stenotrema) *hirsuta Mörch* in Journ. Conch. XIII. p. 388. — Pennsylvania. (I. 421.)  
 1397. (1026 β.) **stenotrema Fér.** (Coll. Nr. 642.) Binn. Terr. Moll. IV. p. 61. (t. 42. f. 4.) — *Bland* in Ann. Lyc. N.-York VII. p. 427. — Stenotrema A<sup>2</sup>. 96. — Indiana.  
 1398. (1027.) **maxillata Gould.** (Coll. Nr. 643.) Binn. Terr. Moll. IV. p. 65. — Stenotrema A<sup>2</sup>. 96. — Tennessee. (IV. 164.)  
 1399. (1028.) **pylaica Bens.** (Coll. Nr. 644.) Animal descriptum a *Benson* in Ann. and Mag. n. h. 3d. ser. IV. p. 95. — Birmania. (IV. 164.)

## §. 62.

(1029. *Poiretiana Pfr.* vid. Nr. 2195 in §. 108.)

## §. 63.

1400. **H. aimophila Bourguignat.** †

« Testa globosa, subobtecte umbilicata, solida, cretacea, ac paululum pellucida; omnino lacteo-albidula; irregulariter striata; apice obtuso, eleganter striatula; anfractibus  $5\frac{1}{2}$  convexis, sat regulariter crescentibus, sutura impressa separatis; ultimo magno; apertura lunato-oblonga; peristomate simplice, acuto; labro externo cum subcolumellari paululum subparallelo; labro columellari reflexo, umbilicum fere omnino tegente. — Alt. 23, diam. 25 mill. » (B.)

*Helix aimophila Bourg.* in Rev. et Mag. Zool. 1859. p. 522.  
 t. 20. f. 14—16.

Habitat in Aprutiis regni quondam Neapolitani.

Obs. Characteribus quasi intermedia inter *H. sylvaticam* et *fruticum*.

1401. **H. Luzi Arango.**

T. perforata, subturbinata, tenuis, confertim ruguloso-striata, transparens, nitida, pallide cornea, fascia 1 supraperipherica alba notata; spira breviter conoidea, vertice obtusulo; anfr. 4 convexiusculi, celeriter accrescentes, ultimus rotundatus, antice sensim descendens; apertura subdiagonalis, lunato-sub-

circularis, intus leviter margaritacea; perist. simplex, marginibus subconvergentibus, dextro subrecto, basali reflexiusculo, versus insertionem dilatato, reflexo, perforationem fere tegente. — Diam. maj.  $4\frac{1}{2}$ , min. 43, alt.  $8\frac{1}{2}$  mill. (Coll. Gundl.)

*Helix Luzi Arango* mss.; *Pfr.* in Malak. Bl. XIII. 1866. p. 58.  
Habitat prope Tánamo insulae Cubae.

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1402. (1030.) **subcallifera Lowe.** † — Portosancto. (IV. 165.)

1403. (1031.) **leucozona Ziegl.** (Coll. Nr. 645.) Fruticicola A<sup>2</sup>. 104. —  
*H. dolopida Jan, crassilabris Mlf., coadunata et rutilans Zgl.* —  
Europa media. (I. 149.)

#### 1404. **H. Bielzi A. Schmidt.**

«Testa obtecte perforata, depresso-globosa, rufescens, pel-lucide cingulata, subtiliter striata et pilis brevibus hispida; apertura lunata; peristomate vix patulo rufo, intus exacte albo-labiato; margine columellari incrassato. — Alt.  $2\frac{1}{2}$ — $3\frac{1}{2}$ , lat.  $3$ — $4\frac{1}{2}$ ''' ; anfr. 6—7.» (B. — Coll. Nr. 646.)

*Helix Bielzi A. Schmidt* mss.; *Bielz* Faun. Siebenb. 1863. p. 60.  
Habitat in Transylvania.

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1405. (1032.) **liminifera Held.** † — Bavaria. (I. 150.)

1406. (1033.) **Paraguayana Pfr.** † — *H. elevata Orb.* — Paraguay.  
(I. 85.)

1407. (1034.) **Melolontha Shuttl.** † — Ins. Canar. (III. 638.)

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1408. (1035.) **Hueti Ben.** (Coll. Nr. 647.) Sicilia. (IV. 165.)

#### 1409. **H. Milleri Pfr.**

T. vix perforata, turbinata, solidula, confertim striata et sub lente subgranulata, carnea, strigis fuscis obliquis ornata; spira conoidea, vertice acutiusculo, purpureo-fusco; anfr. 5 convexiusculi, ultimus ad peripheriam fascia nigricante et ad-jacente alba cinctus, antice breviter deflexus, basi parum con-vexus; apertura diagonalis, rotundato-lunaris; perist. roseum, intus distincte labiatum, marginibus vix convergentibus, dextro arcuato, vix expansiusculo, basali breviter reflexo, columellari perdilatato, supra perforationem fere appresso. — Diam. maj. 16, min. 14, alt. 10 mill. (Coll. Nr. 648.)

*Helix Milleri Pfr.* in Malak. Bl. XIV. 1867. p. 126.

Habitat «Long Cay» insularum Bahamensium (Dr. Bruant).

Obs. Species pulchella, verosimiliter coloribus non constans, ab affi-nibus *H. variante Mke., gallopavonis Val., Troscheli Pfr.* facile distinguenda.

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1410. (1036.) **Eugenia Pfr.** (Coll. Nr. 649.) *H. vigenia* Parr. — Sicilia. (IV. 165.)  
 1411. (1037.) **mexicana Koch.** — Respubl. mexicana. (I. 193.)  
 1412. (1038.) **indistincta Fér.** (Coll. Nr. 650.) *Plagioptycha* A<sup>2</sup>. 145.  
 — Haiti, Mexico. (I. 194.)

1413. **H. macroglossa Pfr.**

T. perforata, subturbinato-depressa, tenuiuscula, striatula, corneo-albida, fascia 1 rufa cingulata; spira parum elevata, vertice minuto; sutura submarginata; anfr. fere 5 convexiusculi, sensim accrescentes, ultimus depresso-rotundatus, antice profunde descendens, basi parum convexus; apertura perobliqua, lunato-ovalis, protuberantia valida linguaeformi transversa, extus cicatricem parum impressam formante, intus coarctata; perist. simplex, marginibus subconvergentibus, supero recto, basali subreflexo, versus insertionem sensim dilatato, umbilicum angustum fere tegente. — Diam. maj. 13, min. 10<sup>1</sup>/<sub>2</sub>, alt. fere 7 mill. (Coll. Nr. 651.)

*Helix macroglossa* Pfr. in Malak. Bl. XIII. 1866. p. 115.

Habitat «Great Inagua» insularum Bahamensium (Bland).

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1414. (1039.) **radiaria Pfr.** — Ins. Salomonis. (IV. 166.)  
 1415. (1040.) **timida Jacq. †** — Nova Guinea. (IV. 166.)

§. 64.

1416. (1041.) **lucorum** \*) **Müll.** (Coll. Nr. 652.) *Pomatia* A<sup>2</sup>. 141. — *Kalenicz.* in Bull. Mosc. 1853. XXVI. 2. p. 70. — *Bourg.* in Rev. et Mag. Zool. 1860. p. 154. t. 4. f. 1. 2. — *Mouss. Coq.* Schläfli II. p. 9. — *H. taurica* Kryn. — Italia, etc. (I. 233.)  
 (1042. *radiosa* Ziegl. vid. Nr. 1362 in §. 59.)

1417. **H. straminea Briganti. †**

«Testa subobtecte imperforata, magna, globosa, vel conica; irregulariter sordideque striatula, zonulis 2, vel 3 aut 4 castaneis cingulata; spira obtusa, vel lanceolato-conica; anfractibus 5<sup>1</sup>/<sub>2</sub> convexis, celeriter crescentibus; ultimo ac penultimo ventricosus ac globulosus; ultimo ad aperturam paululum descendente; apertura magna, lunato-rotundata; peristomate simplice, paululum reflexiusculo; columellari reflexo, perforationem obtegente. — Alt. 50, diam. 53 mill.» (Bourg.)

*Helix straminea* Brig. in Atti Accad. sc. Borbon. XI. 2. p. 172. t. 2. (1825.)

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\*) *Hanley* (Ips. Linn. Conch. p. 378) *Helicem lucorum* Linn. Mus. var. fasciatam *Helicis lacteae* esse asserit.

*Helix straminea* Bourg. in Rev. et Mag. Zool. 1860. p. 155.  
t. 4. f. 3. 4.

Habitat in Aprutiis.

Obs. «Differt ab *H. lucorum* statura majore, forma magis ventrosa, anfractibus lentius accrescentibus, vertice obtusiore, perist. minus reflexo, apertura altiore quam lata, et inprimis anfractu penultimo inflato.»

1418. **H. onixiomica** Bourguignat. †

«Testa semiobtectae-angusto-perforata, conico-globosa, irregulariter rugoso-striata, lutescenti-albida, zonis duabus, fasciis nigrescentibus passim interruptis, cincta; anfractibus  $6\frac{1}{2}$ —7 convexis, regulariter crescentibus, sutura impressa separatis; ultimo ad aperturam descendente; apertura parvula, obliqua, lunato-oblonga; peristomate paululum incrassato; margine columellari reflexiusculo; marginibus paululum approximatis. — Alt. 38, diam. 42 mill.» (B.)

*Helix onixiomica* Bourg. in Rev. et Mag. Zool. 1860. p. 72.  
t. 3. f. 1. 2.

Habitat Montenegro.

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1419. (1043.) **Buchi Dubois**. (Coll. Nr. 653.) Pomatia A<sup>2</sup>. 441. — Bourg. in Rev. et Mag. Zool. 1860. p. 74. — Mouss. Coq. Schläfli II. p. 33. — Grusia. (III. 181.)

1420. **H. Schläflii** Mousson. †

«T. obtectae-perforata, ventroso-globosa, irregulariter rugoso-striata, lineis impressis interruptis seu continuis decussata, luteo-albida, fasciis quinque, interdum junctis vel deficientibus, fusco-griseis ornata. Spira depresso-conoidea; summo albo, nitido, crassiusculo; sutura subirregulari. Anfract.  $4\frac{1}{2}$ , convexiusculi, rapide accrescentes; medii spiraliter lineati; ultimus ventrosus, vix subdescendens. Apertura ampla, oblique lunato-rotundata, intus griseo-alba, fasciis perspicuis, ad marginem insertionis et in aperturae pariete fusco-grisea. Perist. intus late sublabiatum, marginibus remotis, dextro simplice, columellari subobliquo, late reflexo, perforationem fere occultante, fusco-griseo. — Diam. maj. 50, min. 38, alt. 47 mill.» (M.)

*Helix Schläflii* Mouss. Coq. terr. Schläfli I. 1859. p. 40.

— — Bourg. in Rev. et Mag. Zool. 1860. p. 74.

Habitat in Epiro.

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1421. (1044.) **pomatia Linn.** (Coll. Nr. 654.) Pomatia A<sup>2</sup>. 441. — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 71. — *Bielz* Faun. Siebenb. p. 69. — Bourg. in Rev. et Mag. Zool. 1860. p. 72. t. 3. f. 3. — *Helicogena pomatia* (Pomatia) Mörch Moll. Dan. p. 26. —



*Pomatia pomatia* Mörch in Journ. Conch. XIII. p. 390. — Var.:  
*H. pomaria* et *scalaris* Müll. — Europa media. (I. 234.)

(1422. *H. Nilotica* Bourg. in §. 59 translata est. Vid. Nr. 1364.)

1423. (1045.) **Gussoneana** Shuttl. (Coll. Nr. 655.) Bourg. in Rev. et  
 Mag. Zool. 1860. p. 161. t. 7. f. 1. 2. — *H. melissophaga* Costa  
 Fauna di Napol. Helix §. 12. t. 1. f. 3. (1848.) — *H. ligata* var.  
*A*<sup>2</sup>. 141. — Italia. (I. 235.)

1424. **H. pathetica** Parreyss, Albers. †

«Testa vix imperforata, depresso globosa, tenuis, diaphana, subtilissime striata, flavescenti-albida, fasciis 5 citrinis angustis; spira depressa, obtusa; anfr. 4, ultimus magnus, elongato-ventrosus, antice descendens; apertura ovato-rotundata, intus alba, nitens; peristoma simplex, rectum, margine columellari stricto, vix dilatato, reflexo, appresso. — Diam. maj. 29, min. 23, alt. 18 mill.» (Alb.)

*Helix pathetica* Parr., Mouss. Coq. Bellardi p. 20 (absque diagnosi).

— — — (*Pomatia*) Alb. Helic. ed. II. p. 143.

Habitat in Asia Minore.

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1425. (1046.) **lutescens** Ziegl. (Coll. Nr. 656.) *Pomatia* *A*<sup>2</sup>. 141. —  
*Bourg.* l. c. p. 161. — *Bielz* Faun. Siebenb. p. 71. — *Pomatia*  
*lutescens* Mörch in Journ. Conch. XIII. p. 390. — Gallicia, Vol-  
 hynia. (I. 236.)

1426. (1047.) **Nordmanni** Parr. (Coll. Nr. 657.) *Pomatia* *A*<sup>2</sup>. 141. —  
*Bourg.* l. c. p. 162. — Mouss. Coq. Schläfli II. p. 38. — Som-  
 chetia, Armenia, Koutais. (IV. 167.)

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1427. (1048.) **Humboldtiana** Val. (Coll. Nr. 658.) *Pomatia* *A*<sup>2</sup>. 140.  
 — Martens in Malak. Bl. XII. 1865. p. 16. — *H. badiocincta*  
 Wieg. — Mexico. — β. *H. Buffoniana* Pfr. (I. 196.)

1428. (1049.) **coriaria** Pfr. — Australia occidentalis. (I. 445.)

1429. **H. Cyix** Benson. †

«Testa profunde perforata, depresso-globosa, tenuiuscula, superne oblique et regulariter confertim costulata, lineis impressis spiralibus remotiusculis subgranulatim decussata, subtus nitida, radiatim striatula, cornea, superne saturatiore, fascia angusta fusco obsoleta, altera latiore pallida, vix conspicua, superne concurrente ad peripheriam cingulata; spira convexo-conoidea, apice obtusiusculo, sutura impressa submarginata; anfractibus 4½ convexiusculis, sensim accrescentibus, ultimo ad peripheriam obtuse angulato, non descendente, subtus convexo; apertura obliqua rotundato-lunari, peristomate recto, tenui, infra valde arcuato obtuso, margine columellari arcuatim



descendente, leviter incrassato, superne triangulatim vix expanso. — Diam. maj. 23, min. 20, axis 45 mill.» (B.)

*Helix Cyix* Bens. in Ann. and Mag. n. h. 3d. ser. V. (May 1860.) p. 382.

Habitat ad pagum Matelle insulae Ceylon (F. Layard).

Obs. Affinis *H. (Naninae) taprobanensi* Dohrn.

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1430. (1050.) **Grayi Pfr.** (Coll. Nr. 659.) Hadra A<sup>2</sup>. 466. — Australia. (I. 434.)

1431. **H. Mastersi Cox.** †

«Hel. testa anguste umbilicata, depresso-conoidea; radiatim rugoso-striata, undique minute granulata, subpellucida; saturate castanea; spira depressa; anfractibus sex, vix convexiusculis, ultimo angulato; columella levi et dilatata, umbilicum semitegente; apertura lunato-subcirculari, marginibus conniventibus, labro tenui vix dilatato, intus livido. — Diam. maj. 4,49, min. 0,98, alt. 0,65 unc.» (C.)

*Helix Mastersi Cox* Cat. Austr. landsh. 1864. p. 49. (An var. *H. Grayi Pfr.*? *Cox* ibid. p. 8.)

Habitat Merimbula, New-South-Wales (Masters).

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1432. (1051.) **laesa Reeve.** — Habitat Hunter River Australiae teste *Cox* Catal. p. 5. (IV. 468.)

1433. (1052.) **Kelletti Forb.** (Coll. Nr. 660.) *Binn. Terr. Moll.* IV. p. 17. t. 76. f. 12. (ex *Forb.*) — Arionta A<sup>2</sup>. 428. — California. (III. 482.)

1434. **H. crebristriata Newcomb.** †

«H. testa obtecte vel aperte umbilicata, turbine-depresse-globosa, translucido-cornea; anfr. 5 convexiusculi, ultimo descendente; apice sub-mamillato; sutura bene impressa; striae transversae valde et creberrime insignes, striae longitudinis microscopice incisae; apertura subrotunda; perist. diverso (tenue, acute, sub-reflexo, vel crasso intus calloso) approximato cum callo profuso conjuncto, vel sine callo; prope umbilicum expanso. — Diam. maj. 0,92, min. 0,75; alt. 0,55—0,80 poll.» (N.)

*Helix crebri-striata Newc.* in Proc. Calif. Ac. III. 1864. p. 446.

Habitat in insula San Clemente Californiae.

Obs. Species *H. Kelletti* proxima, statura et spirae elevatione per-variabilis.

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1435. (1053.) **punctulata Sow.** (Coll. Nr. 664.) Plebecula A<sup>2</sup>. 438. — Madera. — Var. subfoss.: *H. Bowdichiana Fér.*, *Vargasiana Pfr.* (I. 494.)

1436. (1054.) **Stutchburyi Pfr.** — Australia septentr. (IV. 468.)

1437. (1055.) **varians Menke.** (Coll. Nr. 662.) *Binn. Terr. Moll.* IV. p. 51. — *Polymita A<sup>2</sup>.* 446. — *H. pisana Chemn., carnicolor Fér., rhodocheila et polychroa Binn., submeris Migh.* — Habitat in insulis Bahamensibus: New Providence, Great Inagua. (I. 238.)
1438. (1056.) **gyrostoma Fér.** (Coll. Nr. 663.) *Theba gyrostoma Adams* Gen. p. 246. — Tripoli. (Fér.) (I. 238.)

1439. **H. Caribaea Weinland.**

T. obtecte subperforata, semiglobosa vel conoideo-elevata, solidula, leviter striata, fusca, albido fasciata vel alba unicolor vel fusco plurifasciata; spira magis minusve elevata, convexa, vertice subtili; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus antice subdescendens; columella obliqua, plana, dilatata, rosea, leviter dentata; apertura diagonalis, rotundato-lunaris; perist. simplex, rectum, margine basali reflexiusculo. — Diam. maj.  $16\frac{1}{2}$ , min.  $14\frac{1}{2}$ , alt. 12—13 mill. (Coll. Nr. 664.)

β. Dimidio minor, unicolor albida.

*Helix Caribaea Weinl.* in *Malak. Bl.* IX. 1862. p. 195.

Habitat « Crooked Island » insularum Bahamensium.

Obs. Proxime affinis *H. varianti Menke*, nec non *H. muscarum Lea* formis nonnullis.

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1440. (1057.) **Troscheli Pfr.** (Coll. Nr. 665.) *Polymita A<sup>2</sup>.* 446. — Habitat Great Inagua et New Providence Bahamensium. (I. 239.)
1441. (1058.) **gallopavonis Val.** (Coll. Nr. 666.) *Polymita A<sup>2</sup>.* 446. — *Pfr.* in *Malak. Bl.* 1858. p. 450. — Turks-Island. (I. 239.)
1442. (1059.) **flicosta Pfr.** — Habitat? (I. 239.)
1443. (1060.) **pellicula Fér. †** — Habitat? (I. 194.)
1444. (1061.) **fimbriata Bourg.** (Coll. Nr. 667.) *Mouss. Coq. voy. Roth* p. 24. — *Leucochroa fimbriata A<sup>2</sup>.* 79. — Palaestina. (IV. 169.)

§. 65.

1445. (1062.) **socia Rossm.** — Constantinop. (IV. 169.)

1446. **H. Euterpe Pfr.**

T. subclausa perforata, depressa, solida, conferte radiato-striata striisque spiralibus exilissimis undique subgranulata, sericea, albido-carnea; spira breviter conoidea, obtusula; anfr. 6 vix convexiusculi, regulariter accrescentes, ultimus rotundatus, supra medium obtuse angulatus; apertura fere verticalis, oblique lunaris, intus margaritacea; perist. intus albo-callosum, margine supero brevi, recto, basali reflexiusculo, ad perforationem lente ascendente, vix dilatato. — Diam. maj. 28, min. 25, alt. 16 mill. (Mus. Cuming.)

*Helix Euterpe Pfr.* in *Proc. Zool. Soc.* 1861. p. 193.

*Nanina Euterpe* (Hemiplecta) *Mart.* Ostras. Zool. II. p. 72.

Habitat Siam (Mouhot).

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1447. (1063.) **solata Bens.** — *Nanina solata* (Xesta) *A*<sup>2</sup>. 51. — *H. Menkeana* *Reeve.* — *Mont. Nilgherries.* (III. 67. IV. 470.)

1448. **H. Justi Pfr.**

T. (junior aperte, adulta) obtecte perforata, depressa, solida, striatula, nitidissima, fulvo - carnea; spira convexiuscula, vertice minuto; sutura impressa; anfr. 5 convexiusculi, regulariter accrescentes, ultimus subdepressus, antice leviter descendens, basi medio excavatus; apertura perobliqua, lunato-ovalis, intus roseo - margaritacea; perist. subrectum, margine basali pallide roseo, incrassato, versus insertionem dilatato. — Diam. maj.  $24\frac{1}{2}$ , min. 18, alt.  $40\frac{1}{2}$  mill. (Coll. Nr. 668.)

*Helix Justi Pfr.* in *Malak. Bl.* V. 1858. p. 149. t. 3. f. 4—6.

Habitat prope «Angostura arriba» insulae Haiti (Hjalmarson).

1449. **H. consepta Benson. †**

«Testa subperforata, orbiculari, subdiscoidea, nitida, radiatim striatula, superne obsolete spiraliter striata, pallide cornea; spira depresso-conoidea, apice elevatiusculo, obtuso, sutura impressa, marginata; anfractibus 8, angustis, convexiusculis, lente accrescentibus, ultimo ad peripheriam rotundato, subtus medio excavato; apertura subverticali, late lunari, peristomate albido, intus late incrassato-marginato, superne recto, margine basali expansiusculo, undulato, crassiusculo, columellari brevissime reflexo. — Diam. maj. vix 18, min.  $15\frac{1}{2}$ , axis 7 mill.» (B.)

*Helix consepta Bens.* in *Ann. and Mag. n. h.* 3d. ser. VI. (Sept. 1860) p. 190; *ibid.* XI. (1863. May) p. 320.

Habitat Moulmein (Haughton) et Pegu.

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1450. (1064.) **prophetarum Bourg.** (Coll. Nr. 669.) *Mouss. Coq. voy.* Roth p. 25. — *Leucochroa prophetarum* *A*<sup>2</sup>. 79. — *Palaestina.* (IV. 470.)

1451. (1065.) **nautiloides Val. †** — Habitat? (III. 449.)

1452. **H. Hartvigiana Pfr.**

T. subobtecte umbilicata, depressa, tenuiuscula, chordato-costulata, in interstitiis confertissime radiato-striata, aeneo-micans, subpellucida, saturate fusca; spira brevissime conoideo-elevata; anfr. 5 convexi, ultimus non descendens, inflatus; apertura fere verticalis, lunaris, intus submargaritacea; perist. rectum, marginibus remotis, callo tenui junctis, dextro simplice,

basali subincrassato, ad insertionem dilatato, reflexo. — Diam. maj. 17, min.  $14\frac{1}{2}$ , alt.  $9\frac{1}{2}$  mill. (Coll. Nr. 670.)

*Helix Hartvigiana* Pfr. in Malak. Bl. VIII. 1861. p. 167.

Habitat prope Gnadenthal Promontorii bonae spei.

1453. **H. Saisseti Montrouzier.** †

«Testa obtecte perforata, orbiculato-depressa, subtenuis, subdistanter costulato-striata, striis minimis interjacentibus, sculpta, apice laevigato; albo-luteola, strigis latis, undulato-denticulatis, rufis, picta; spira depressa; sutura subprofunde canaliculata; anfr. 4, convexi, rapide accrescentes, ultimus non descendens, obtuse subcarinatus, circa umbilicum nigricans; apert. obliqua, subampla, transverse ovato-lunaris; perist. simplex, marginibus callo (in adultis) crasso arcuatim junctis, supero antrorsum arcuato, basali subincrassato, prope columellam reflexo, umbilicum occultante. — Diam. maj. 15, min. 13, alt. 8 mill.» (Souv.)

*Helix Seisseti Montrouz.* mss., Soubervie in Journ. Conch. VIII. 1860. p. 205. 313. t. 11. f. 4.

— *Saisseti Marie* in Journ. Conch. 1867. p. 18.

Habitat Kanala Novae Caledoniae.

1454. **H. astur Soubervie.** †

«Testa obtecte subperforata, orbiculato-compressa, tenuis, arcuatim et confertim plicatulo-striata, corneo-viridula, sub epidermide fulvo-virescente, rufo radiatim undato-strigata; sutura depressa; anfr. 4, vix convexiusculi, rapide accrescentes, ultimus subdepressus, obtuse subcarinatus, subtus medio concaviusculus; apert. subampla, parum obliqua, ovato-lunaris; perist. simplex, marginibus callo tenuissimo junctis, supero tenui, antrorsum arcuato, columellari subincrassato, subreflexo, perforationem occultante. — Diam. maj. 7, min.  $6\frac{1}{4}$ , alt. 3 mill.» (S.)

*Helix astur* Souv. in Journ. Conch. VIII. 1860. p. 205. 315. t. 11. f. 7.

Habitat in Nova Caledonia.

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1455. (1066.) **velutina** Lam. (Coll. Nr. 671.) Portorico. (I. 193. IV. 171.)

1456. (1067.) **serta** Alb. (Coll. Nr. 672.) Leptaxis A<sup>2</sup>. 139. — Ins. Promont. Viridis. (IV. 171.)

1457. (1068.) **Tollini** Alb. (Coll. Nr. 673.) Pella A<sup>2</sup>. 84. — Promont. bonae spei. (IV. 171.)

1458. **H. crispulata** Mousson. †

T. subobtecte perforata, conoideo-depressa, tenuiuscula, dense ruguloso-striata, impressionibus obliquis piliferis praedita, cornea; spira parum elevata, vertice subtili; anfr. 5 plano-convexi, regulariter accrescentes, ultimus supra medium obtusissime angulatus, antice leviter descendens, basi convexior; apertura perobliqua, transverse ovato-lunaris; perist. sublabiatum, marginibus subconvergentibus, supero recto, basali reflexiusculo, ad perforationem breviter ascendente, subdilatato. — Diam. maj.  $7\frac{3}{4}$ , min. 7, alt. 4 mill. (Mus. Monac.)

*Helix crispulata* Mouss. Coq. voy. Roth. 1861. p. 12.

Habitat rara circa Hierosolymam.

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1459. (1069.) **consors** Lowe. (Coll. Nr. 674.) Actinella A<sup>2</sup>. 119. — Portosancto. (I. 195.)

## §. 66.

1460. (1070.) **Cobresiana** Alt. (Coll. Nr. 675.) Fruticicola A<sup>2</sup>. 104. — *H. unidentata* Drap., *monodon* Fér., *unidens* Zgl. — Europa media. (I. 150.)

1461. **H. helicifera** W. Blanford. †

«Testa (junior profunde perforata) adulta imperforata sed profunde excavata, conoideo-trochiformis, subcampanulata, tenuis, cornea, superne acute et arcuatim costulata, costulis peripheriam superantibus, subtus glabra, polita et minute striata. Spira convexo-conoidea; apex obtusiusculus; sutura impressa. Anfr. 7— $7\frac{1}{2}$  arcte voluti, lente accrescentes, convexi, ultimus (in junioribus acute carinatus) in adultis angulatus, subtus planulatus, convexior prope aperturam, 1—2 foveis parvis, irregularibus (plerumque intus albo-callosis) subtus in dimidio anfractu notatus. Apertura obliqua, lunata, altitudine duplo latior; columella lamina spirali intrante munita. Peristoma simplex, intus levissime incrassatum, marginibus distantibus, columellari obliquo, dextro basi arcuato. — Diam. maj. 10, min. 9, alt. 7 mill. Ap. 4 mill. lata, 2 alta.» (Bl. angl.)

*Nanina (Sesara) helicifera* W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 4.

Habitat in montibus Arakanensibus.

Obs. Auctor sectionem *Sesaram* (a Cl. Albers pro *H. infrendente* Gould propositam) sensu latiore adoptat. Species ejus sunt: *H. infrendens* Gould, *capessens* Bens., *pylaica* Bens., *helicifera*, *mamillaris* et *Basseinensis* Blanf.

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1462. (1071.) **infrendens Gould.** (Coll. Nr. 676.) Sesara A<sup>2</sup>. 94. — Tavoy Birmanorum. (I. 152.)  
 1463. (1072.) **Lightfooti Pfr.** — Erepta A<sup>2</sup>. 150. — Australia? (III. 150.)

## §. 67.

1464. (1073.) **nitidiuscula Sow.** (Coll. Nr. 677.) Plebecula A<sup>2</sup>. 138. — *H. vulgata* Lowe. — Madera, Portosancto. — Var.: *H. giramica* Lowe, *anaglyptica* Reeve. (I. 196.)  
 1465. (1074.) **lurida Lowe.** (Coll. Nr. 678.) Plebecula A<sup>2</sup>. 138. — Portosancto. (I. 197. III. 151.)  
 1466. (1075.) **laciniosa Lowe.** (Coll. Nr. 679.) Ochthephila A<sup>2</sup>. 118. — Madera. (III. 151.)  
 1467. (1076.) **Parreyssi Pfr.** — Fruticicola A<sup>2</sup>. 103. — *H. modesta* Parr. — Aprutiae Italiae. (IV. 173.)

## §. 68.

1468. (1077.) **pernobilis Fér.** (Coll. Nr. 680?) *Pfr.* in Malak. Bl. 1861. p. 75; Novit. conch. p. 177. Nr. 277. t. 48. f. 3. 4. — Camboja, Pulo Condore. (I. 195.)  
 1469. (1078.) **auris Pfr.** (Coll. Nr. 681.) *Nanina auris* (Ariophanta) A<sup>2</sup>. 55. — Mont. Koondah Indiae. (IV. 173.)  
 1470. (1079.) **ampullarioides Reeve.** † — Mont. Nilgherries. (IV. 173.)  
 1471. (1079a.) **corrosa Mouss.** † — *Pfr.* Mon. Hel. IV. p. 348. — *Nanina corrosa* Mouss. — Java. (Species a Cl. *Martens* [Ostas. Zool. II. p. 230] ad *Naninam densam* Adams relata.)  
 1472. (1080.) **Cysis Bens.** — *Nanina cysis* (Ariophanta) A<sup>2</sup>. 55. — Mont. Nilgherries. (IV. 174.)

1473. **H. Schärffiae Pfr.**

T. umbilicata, globoso-depressa, tenuiuscula, superne conferte subrugato-striata, fusco-fulva, fasciis variis rufis ornata, subtus nitidior, lutescenti-fulva, fasciis lineisque rufis cincta; spira vix elata, obtusa; anfr. 4 convexiusculi, rapide accrescentes, ultimus depresso-rotundatus, antice deflexus, subcontractus; apertura perobliqua, lunato-ovalis, intus coerulescenti-margaritacea; perist. subcallosum, marginibus convergentibus, callo tenui junctis, supero flexuoso, subrecto, basali breviter reflexo, ad columellam ascendente, sursum dilatato, umbilicum mediocrem, pervium non occultante. — Diam. maj. 34, min. 24½, alt. 14 mill. (Coll. Nr. 682.)

β. Minor; diam. maj. 23, min. 19, alt. 11 mill.

γ. Epidermide subunicolore olivaceo-aurea, parum nitente obducta.

*Helix Schärffiae* *Pfr.* in Malak. Bl. VIII. 1861. p. 73. t. 2. f. 1—3.



*Helix Schärfae* Bens. in Ann. and Mag. n. h. 3d. ser. XIII.  
(Jun. 1864) p. 494.

Habitat «Breda's Bosch» Promontorii bonae spei.

1474. **H. Cassandra Pfr.**

T. mediocriter umbilicata, globoso-depressa, tenuis, striatula et minutissime granulata, parum nitens, superne pallide isabellina, fasciis nonnullis suturationibus obsolete notata, subtus albida; spira breviter conoideo-elevata, vertice minuto; anfr. 5 regulariter accrescentes, superi vix convexiusculi, ultimus inflatus, antice vix deflexus; apertura parum obliqua, rotundato-lunaris, intus submargaritacea; perist. simplex, tenue, margine dextro recto, basali reflexiusculo, juxta umbilicum in laminam triangularem fornicatam dilatato. — Diam. maj. 26, min. 22, alt. 15 mill. (Coll. Angas).

*Helix Cassandra Pfr.* in Proc. Zool. Soc. 1863. p. 527.

Habitat «Murray Cliffs» Australiae meridionalis.

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1475. (1081.) **Sturmiana Pfr.** — Delagoa Bay Africae meridionalis.  
(III. 150.)

1476. (1082.) **pruinosa Pfr.** (Coll. Nr. 683.) Haiti. (III. 152.)

1477. (1083.) **Auberi Orb.** (Coll. Nr. 684.) Cuba. (I. 197. III. 152.)

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1478. (1084.) **bulbus Menke.** — Dorcasia A<sup>2</sup>. 107. — Promont. bonae spei. (III. 153.)

1479. (1085.) **Kraussi Pfr.** — Dorcasia A<sup>2</sup>. 107. — Promont. bonae spei. (I. 197.)

1480. (1086.) **Kierulfi Mörch. †** — *Nanina Kierulfi* (Nigritella) A<sup>2</sup>. 63. — Ins. Philippin. (III. 153.)

(1087. *Forsteriana Pfr.* vid. Nr. 2477 in §. 117.)

1481. (1088.) **Meleagris Pfr.** (Coll. Nr. 685.) *Nanina Meleagris* (Nigritella) A<sup>2</sup>. 63. — Ins. Salomonis. (IV. 175.)

1482. (1089.) **stigmatica Pfr.** (Coll. Nr. 686.) Cuba. (I. 197.)

(1090. *crassula Phil.* vid. Nr. 2484 in §. 117.)

1483. (1091.) **nubeculata Desh.** — Cayenne? (Cuming.) (I. 387.)

1484. **H. Krefftii Cox. †**

«Hel. testa anguste umbilicata, convexo-depressa, nitida, subpellucida, striatula, cornea, subtus opaca; anfractibus sex, convexis; apertura rotundato-lunari, margine columellari dilatato, umbilicum semitegente. — Diam. maj. 0,57, min. 0,49, alt. 0,34 unc.» (C.)

*Helix Krefftii Cox* Catal. Austr. landsh. 1864. p. 21.

Habitat «Cape York» Australiae (Macgillivray).

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## §. 69.

1485. (1092.) **sebacea** Pfr. — Ins. Admiralitatis. (IV. 175.)  
 1486. (1093.) **micromphala** Lowe. (Coll. Nr. 687.) Ochthephila A<sup>2</sup>. 149. — Madera. (III. 151.)  
 1487. (1094.) **fictilis** Lowe. (Coll. Nr. 688.) Ochthephila A<sup>2</sup>. 148. — Portosancto. (III. 154.)  
 1488. (1095.) **compacta** Lowe. (Coll. Nr. 689.) Actinella A<sup>2</sup>. 149. — *H. innominata* Gray. — Portosancto. (I. 198.)  
 1489. (1096.) **candisata** Menke. — *H. compacta* var. A<sup>2</sup>. 149. — Madera. (I. 198.)  
 1490. (1097.) **leptosticta** Lowe. (Coll. Nr. 690.) Ochthephila A<sup>2</sup>. 149. — Madera. (III. 155.)

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1491. (1098.) **hylephila** Orb. — Var. *H. ochthephila* Orb. — Bolivia (I. 150.)  
 1492. (1099.) **caementitia** Shuttl. † — Ins. Canar. (III. 638.)  
 1493. (1100.) **edentula** Drap. (Coll. Nr. 691.) Fruticicola A<sup>2</sup>. 104. — *Hygromia edentula* (Conulus) Mörch Moll. Dan. p. 18. — Europa media. (III. 125.)

## §. 70.

1494. **H. Basilessa** Benson. †

«*H. testa anguste umbilicata, solida, depressa, striatula, sub epidermide luteo-fusca purpurascente, subtus versus umbilicum albida; spira convexiuscula, apice valde obtuso, sutura impressiuscula, demum impressa; anfractibus 5, rapide accrescentibus, ultimo antice leviter descendente, dilatato, subtus demum subplanato, supra peripheriam fascia castanea superne albida munito; apertura obliqua, transversim oblonge ovato-lunata, intus fuscescente, peristomatis marginibus callo albido junctis, dextro rotundato, superne antice arcuatim prominente, tenuiter marginato, columellari brevi reflexiusculo, basali longe oblique descendente, intus incrassato, albido. — Diam. maj. 48, min. 38, axis 24 mill.*» (B.)

*Helix Basilessa* Bens. in Ann. and Mag. n. h. (Jan. 1865.) 3d. ser. XV. p. 11.

Habitat Travancore Indiae.

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1495. (1101.) **intusplicata** Pfr. — Arcadia. (III. 152.)  
 1496. (1102.) **Guiraoana** Rossm. — Hispania. (III. 641.)  
 1497. (1103.) **Nicatis** Costa. (Coll. Nr. 692.) Italiae provincia Neapolitana. (IV. 176.)  
 1498. (1104.) **Phocaea** Roth. (Coll. Nr. 693.) Campylaea A<sup>2</sup>. 123. — Graecia. — Var.: *H. ornata* Parr. (IV. 177.)  
 1499. (1105.) **Langi** Parr. — Campylaea A<sup>2</sup>. 124. — Mons Parnassus. (IV. 177.)  
 1500. (1106.) **insubrica** Jan. (Coll. Nr. 694.) Italia borealis. (I. 350.)

1501. **H. zonella Pfr.**

T. subanguste umbilicata, depressa, solidula, conferte ruguloso-striata, pallide fuscula, zona mediana albida (saepe rufo marginata) cincta; spira convexa, parum elata; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus rotundatus, antice vix descendens; apertura obliqua, lunato-rotundata, intus margaritacea; perist. simplex, marginibus convergentibus, supero recto, basali breviter reflexo, ad insertionem dilatato. — Diam. maj. 15, min. 13, alt. 8 mill. (Mus. Cuming.)

*Helix zonella Pfr.* in Proc. Zool. Soc. 1864. p. 604.

Habitat « White Mountains » insulae Cretae (Spratt).

1502. **H. Salvatoris Pfr.**

T. angustissime sed aperte umbilicata, depressa, tenuis, confertim striatula, nitida, pellucida, cornea; spira parum elevata, vertice minuto; sutura levissime subcrenulata; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus subdepresso-rotundatus, antice deflexus; apertura perobliqua, lunato-rotundata, tuberculo basali compresso, transverso, extus fossulam pallidam formante coarctata; perist. simplex, marginibus convergentibus, dextro recto, basali reflexiusculo, columellari sensim dilatato, patente. — Diam. maj.  $14\frac{1}{2}$ , min. 12, alt. 6 mill. (Coll. Nr. 695.)

*Helix Salvatoris Pfr.* in Malak. Bl. XIV. 1867. p. 127.

Habitat « Bight of San Salvador » Bahamensium (Dr. Bryant).

Obs. Species *Helici Duclosianae Fér.*, *Bahamensi Pfr.*, *disculo Desh.*, etc. affinis, cum his ad sectionem *Plagioptycham* pertinens.

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1503. (1107.) **artificiosa Bens.** — *Pfr.* Novit. conch. p. 131. t. 36. f. 8—10. — Birmania. (IV. 178.)

1504. **H. Caldwelli Benson. †**

« Testa aperte umbilicata, orbiculato-depressa, confertim oblique sinuato-costata, costis crassiusculis elevatis, sub epidermide fulvo-albida; spira planulata, sutura leviter impressa; anfractibus 6 vix convexiusculis, ultimo antice majore, depresso, ad peripheriam valde rotundato, subtus convexo; apertura obliqua, ovato-lunata, peristomate sinuato, superne antice arcuato, depresso, ad dextram et infra reflexo, marginibus subapproximatis, basali intus stricte labiato, prope columellam dente lato laminari introrsum flectente munito; umbilico infundibuliformi. — Diam. maj. 9, min.  $7\frac{1}{2}$ , axis  $3\frac{1}{3}$  mill. » (B.)

*Helix Caldwelli Barcl.* mss.; *Bens.* in Ann. and Mag. n. h. 3d.

ser. III. (Febr. 1859) p. 98. (Malak. Bl. 1859. p. 12.)

Habitat in sylvis insulae Mauritii.

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1505. (1108.) **Portia Gray.** (Coll. Nr. 696.) Charopa A<sup>2</sup>. 87. — Nova Seelandia. (III. 154.)  
 1506. (1109.) **kappa Pfr.** (Coll. Nr. 697.) Charopa A<sup>2</sup>. 88. — *H. collyrula* Reeve. — Nova Seelandia. (III. 154.)  
 1507. (1110.) **multispirata Jacq.** † — Ins. Vavao. (IV. 178.)

### §. 71.

1508. (1111.) **canaliculata Pfr.** † — *Pedinogyra* A<sup>2</sup>. 162. — *H. undulata* Guill. — Nova Guinea. (I. 199.)  
 1509. (1112.) **laxata Fér.** (Coll. Nr. 698.) *H. peruviana* Lam., *Deshayesi* Ant., *cinnus* Reeve. — *Macrocyclus laxata* A<sup>2</sup>. 75. — Var.: *H. Banksii* Cum. — Jun.: *H. umbilicata* Ant. — Chile. (I. 199.)

### 1510. **H. Andium Philippi.**

T. late umbilicata, depressa, suborbicularis, solidiuscula, confertissime arcuato-striata striisque spiralibus minutissimis in parte suprema anfractuum sub lente sculpta, nitida, olivaceo-lutea; spira vix elevata, vertice minuto; sutura impressa; anfr. fere 5 convexiusculi, celeriter accrescentes, ultimus depresso-rotundatus, non descendens; umbilicus apertus,  $\frac{1}{4}$  diametri occupans; apertura diagonalis, lunato-ovalis, intus margaritacea; perist. rectum, margine supero acuto, antrorsum arcuato, basali leviter incrassato, columellari vix patente. — Diam. maj. 31, min. 26, alt. 11 mill. (Coll. Nr. 699.)

*Helix andicola* Phil. in Malak. Bl. XIII. 1866. p. 39, non *Pfr.*  
 — — *Pfr.* Novit. conch. p. 295. Nr. 405. t. 72.  
 f. 1 — 3.

— *Andium* «*Phil.*» *Pfr.* in Malak. Bl. XIV. 1867. p. 79.

Habitat in Andibus «de Talcaregue» dictis reipublicae chilensis, et «Cordillera de la prov. de Colchagua».

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1511. (1113.) **Gayi Hupé.** † — Chile. (IV. 179.)  
 1512. (1114.) **Vancouverensis Lea.** (Coll. Nr. 700.) *Binn. Terr. Moll.* IV. p. 19. — *Bland et Coop.* in Ann. Lyc. N.-York VII. p. 366. — *H. concava* Binn. — *Macrocyclus vancouverensis* A<sup>2</sup>. 75. — Oregon. (I. 200.)  
 1513. (1115.) **vellicata Forb.** (Coll. Nr. 701.) *Macrocyclus vellicata* A<sup>2</sup>. 75. — California. (III. 155.)

### 1514. **H. sportella Gould.**

T. sublate umbilicata, depressa, solidula, conferte striata, striis spiralibus minutis interdum decussata; nitidula, virenti-

cerea; spira vix elevata; anfr.  $5\frac{1}{2}$  vix convexiusculi, ultimus latior, depresso-rotundatus, antice non descendens; apertura ovalis, lunato-rotundata, intus margaritacea; perist. subsimplex, marginibus convergentibus, dextro declivi, columellari et basali breviter reflexis. — Diam. maj.  $17\frac{1}{2}$ , min.  $14\frac{1}{2}$ , alt. 7 mill. (Coll. W. G. Binney.)

*Helix sportella* Gould, *Pfr. Mon. Helic.* IV. p. 108. Nr. 674.

— — *Binn. Terr. Moll.* IV. p. 49.

— — *Bland in Ann. Lyc. N.-York.* VIII. p. 165.

Habitat Oregon.

### 1515. *H. Voyana* Newcomb. †

«H. testa late umbilicata, depressa, pallide cornea, minute oblique striata, parum nitida, sub-diaphana; spira obtusa, sub-planulata; anfr. quinque, convexi, ultimus latus, declivatus, antice subdescendens; apertura sinuato-truncato-ovalis; peristomate reflexiusculo, ad juncturam superiorem angulato, antice valde sinuoso decumbente, cum lamina prominente connectante. — Diam. maj. 0,50, min. 0,40, alt. 0,20 poll.» (N.)

*Helix (Macrocyclis) Voyana* Newc. in *Amer. Journ. Conch.* I. Nr. 3 (Jul. 1865.) p. 235. t. 25. f. 4.

Habitat in California.

Obs. «Proxime affinis *H. Vancouverensi* Lea (*vellicatae* Forb.), aperturæ characteribus præcipue distincta.»

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1516. (1116.) **concava** Say. (Coll. Nr. 702.) *Binn. Terr. Moll.* IV. p. 65. (Synon. *H. dissidens* Desh.?) — *H. planorboides* Rafin. — *Macrocyclis concava* A<sup>2</sup>. 75. — *Mesomphix concava* Mörch in *Journ. Conch.* XIII. p. 380. — America borealis. (I. 200.)

1517. (1117.) **inaequalis** Pfr. (Coll. Nr. 703.) *Rhytida* A<sup>2</sup>. 89. — Var. γ: *H. Deplanchei* Montrouz. mss. Vide *Souverbie* in *Journ. Conch.* VIII. p. 320. — Kanala Novae Caledoniae. (IV. 179.)

1518. (1118.) **stenogyra** Pfr. (Coll. Nr. 704.) *H. decagyra* (Ophiogyra) A<sup>2</sup>. 94. — Peruvia. — Var.: *H. helicycloides* Pfr. olim. (IV. 180.)

1519. (1119.) **bisulcata** Pfr. — Tasmania. (III. 155.)

1520. (1120.) **Greenwoodi** Gray. (Coll. Nr. 705.) *Rhytida* A<sup>2</sup>. 89. — *H. Gunnii* Gray. — Nova Seelandia. (III. 156.)

1521. (1121.) **Sinclairi** Pfr. — Tasmania. (I. 200.)

1522. (1122.) **Beckiana** Pfr. (Coll. Nr. 706.) *Nanina Beckiana* (Discus) A<sup>2</sup>. 62. — *Trochomorpha Beckiana* Mart. *Ostas. Zool.* II. p. 247. — Luzon. (I. 201.)

### 1523. *H. fritillata* Benson. †

«H. testa perspective umbilicata, depresso-subconoidea, arcuatim costulato-striata, subtus laeviore polita, superne striis confertis spiralibus impressis decussata, interstitiis conspicue quadrato-granulatis, pallide cornea; spira convexa, subconoidea,

apice obtuso, laevigato, sutura profunda; anfractibus 6, angustis, lente accrescentibus, convexis, ultimo demum latiusculo, extus depresso, antice vix descendente, subtus valde convexo, circa umbilicum excavato; apertura obliqua, oblique semiovato-lunata, peristomate superne tenui, valde arcuato, subtus breviter expansiusculo, arcuato, extus marginato, marginibus remotioribus. — Diam. maj. 13, min. 12, axis 7 mill.» (B.)

*Helix fritillata* Bens. in Ann. and Mag. n. h. 3d. ser. XI. (May 1863) p. 320.

Habitat in regione Peguensi.

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1524. (1123.) **coactiliata Fér.** (Coll. Nr. 707.) Stephanoda A<sup>2</sup>. 88. — *H. fasciata* Nyst, *Nystiana* Pfr. — Nicaragua, Tabasco, Chiapa reipublicae mexicanæ. (I. 200.)

1525. (1124.) **suturalis Pfr.** (Coll. Nr. 708.) Honduras. (I. 201.)

#### 1526. **H. Nagporensis Pfr.**

T. latissime umbilicata, depressa, tenuiuscula, oblique striata, opaca, carneo-albida; spira medio vix prominula; anfr. 4 vix convexiusculi, ultimus subtus vix latior, antice deflexus et subtus subconstrictus; apertura perobliqua, transverse ovalis; perist. tenue, marginibus convergentibus, supero recto, basali breviter reflexo. — Diam. maj. 10, min. 8, alt. 4 mill. (Mus. Cuming.)

*Helix Nagporensis* Pfr. in Proc. Zool. Soc. 1860. p. 135; Malak. Bl. 1860. p. 235.

Habitat Nagpore Indiae (Jerdon).

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1527. (1125.) **pressula Morel. †** — Guatemala. (III. 156.)

#### 1528. **H. Kanakina Gassies. †**

«Testa late umbilicata, depressa, solida, oblique rugoso-plicatula, corneo-nitida, maculis castaneo-punctatis irregulariter ornata; spira depressa; anfractus 4 parum convexi, sensim accrescentes, ultimus non descendens, basi subplanulatus, radiato-striatus; umbilicus conicus, fusco cinctus; apertura rotundato-obliqua, intus corneo-nitida; peristomate simplici, basali et columellari subincrassatis; sutura impressa, brunnea; apice corneo-nitido. — Diam. maj. 7, min. 6, alt. 3<sup>1</sup>/<sub>4</sub> mill.» (G.)

*Helix Kanakina* Gass. in Journ. Conch. XIV. 1866. p. 49.

Habitat in insula Art Novae Caledoniae (Montrouzier).



1529. **H. Hauffeni F. Schmidt.**

T. sublate umbilicata, depressa, eleganter chordato-costata, subdiaphana, lutescenti-albida; spira parum elevata, obtusa; anfr.  $4\frac{1}{2}$ —5 convexi, regulariter accrescentes, ultimus teres, non descendens; umbilicus perspectivus,  $\frac{1}{4}$  diametri paulo superans; apertura diagonalis, subsinuato-rotundata; perist. acutum, marginibus approximatis, supero recto, basali leviter labiato, anguste reflexo. — Diam. maj.  $3\frac{1}{4}$ , min. 3, alt.  $1\frac{1}{2}$  mill. (Coll. Nr. 709.)

*Helix Hauffeni* F. Schmidt in Schr. zool. bot. Ver. Wien 1855.

— — Pfr. in Malak. Bl. VIII. 1861. p. 10.

— — Crosse in Journ. Conch. XI. p. 326. t. 13. f. 4.

Habitat in Carnioliae cavernis.

Obs. Animal oculis omnino carere videtur.

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(1126. *Winteriana* Pfr. et 1127. *Huttoni* Pfr. transferantur ad §. 72.)

1530. **H. Morti Cox. †**

«Hel. testa late et profunde umbilicata; depresso-convexa; costato-rugosa sub lente interstitiis minutissime et decussatim striato-punctulatis, solidiuscula; anfractibus quinque, convexiusculis, ultimo rotundato, sutura impressa; apertura fere rotundata, peristomate simplici acuto, margine columellari paulo reflexo. — Diam. maj. 0,08, min. 0,07, alt. 0,04 unc.» (C.)

*Helix Morti Cox* Catal. Austr. landsh. 1864. p. 22.

Habitat «Green-oakes, Darling Point» Sydney (Macgillivray).

## §. 72.

1531. (1128.) **Mühlfeldtiana Pfr.** (Coll. Nr. 710.) *Pedinogyra* A<sup>2</sup>. 162.

— *H. rotabilis* Reeve. — Australia. (III. 457.)

1532. (1129.) **Cycloplax Bens.** — *Nanina cycloplax* (Hemiplecta) A<sup>2</sup>.

52. — Himalayah. (IV. 481.)

1533. **H. Blanfordi Theobald. †**

«Testa umbilicata, depressa, late, sive costulate striata, exilissime et minutissime flexuose granulata, ad peripheriam undata, ferrugineo-cornea, acute carinata, linea peripheriali tenui albida cincta, ad suturam anfractus ultimi notanda. Anfr.  $5\frac{1}{2}$ , ultimo circa umbilicum vix perspectivum tumido. Aper-tura angulate lunari. Perist. acuto ad umbilicum parum dilato, crassiusculo. — Diam. 0,96, alt. 0,35 poll.» (Th.)

*Helix Blanfordi Theob.* in Journ. As. soc. Beng. 1859. XXVIII.  
Nr. 4. p. 308.

Habitat prope Darjiling.

Obs. Testam, a *Benson* (Ann. and Mag. n. h. 3d. ser. III. p. 393)  
pro *H. Cycloplace* juniore habitam, *W. Theobald* ex sculpturae caracte-  
ribus ab illa distinguendam censet et tanquam novam speciem proponit.

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1534. (1130.) **Delessertiana Guill.** † — Ins. Warrior. (I. 202.)

1535. (1131.) **Hartmanni Pfr.** (Coll. Nr. 744.) *Nanina Hartmanni*  
(Discus) *A*<sup>2</sup>. 62. — *Trochomorpha Hartmanni* (Videna) *Mart.*  
*Ostas. Zool.* II. p. 248. \*) — Ins. Morotai prope Halmahera  
(Bernstein). (I. 203.)

### 1536. **H. Zenobia Pfr.**

T. sublate umbilicata, conoideo-lenticularis, solida, superne  
ruditer et conferte plicata, acute carinata, rufa; spira breviter  
conoidea, apice obtusa; sutura submarginata; anfr. 5½ con-  
vexiusculi, lente accrescentes, ultimus non descendens, supra  
carinam convexior, basi leviter radiato-striatus, sensim in um-  
bolicum transiens; apertura perobliqua, subrhombeo-lunaris;  
perist. rectum, marginibus subconvergentibus, supero antror-  
sum arcuato, basali incrassato. — Diam. maj. 22, min. 20, alt.  
9 mill. (Coll. Angas.)

*Helix Zenobia Pfr.* in Proc. Zool. Soc. 1863. p. 527.

Habitat in Nova Georgia.

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1537. (1132.) **matura Pfr.** — Ins. Salomonis. (IV. 181.)

1538. (1133.) **Swainsoni Pfr.** (Coll. Nr. 742.) *Nanina Swainsoni* (Dis-  
cus) *A*<sup>2</sup>. 62. — Tahiti. (I. 122.)

1539. (1134.) **Osbecki Phil.** — *Plectotropis Mart.* *Ostas. Zool.* II.  
p. 42. — Loo Choo (Cuming). (I. 203.)

1540. (1135.) **Oajacensis Koch.** — Mexico. (I. 203.)

### 1541. **H. repanda Pfr.**

T. late umbilicata, subtrochiformis, carinata, solidula, obli-  
que distincte striata, subdiaphana, cornea; spira convexo-co-  
nica, vertice minuto; sutura carina subexserta marginata;

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\*) «Testa latiuscule umbilicata, carinata, conoideo-lenticularis, striis  
obliquis distinctis sat confertis carinam transcurrentibus, inferne levioribus  
sculpta, sat nitida, corneoflavescens, concolor; spira breviter conica; anfr.  
6½—7, vix convexiusculi, ultimus non deflexus, basi modice convexus;  
carina utrinque levi depressione limbata; apertura subdiagonalis, rhombea;  
peristoma simplex, acutum, margine supero stricto, infero valde arcuato.  
— Diam. maj. 25—26, min. 22, alt. 11; apert. long. 11, alt. 9 mill.»  
(v. M.)

anfr. 6 convexiusculi, ultimus non descendens, acute striato-carinatus, basi convexior; apertura obliqua, irregulariter rotundato-lunaris, ad dextram angulata; perist. simplex, marginibus subconvergentibus, supero recto, basali repando, reflexo, columellari subverticali, patente. — Diam. maj.  $12\frac{1}{2}$ , min.  $11\frac{1}{2}$ , alt.  $8\frac{1}{2}$  mill. (Coll. Nr. 713.)

*Helix repanda* Pfr. in Proc. Zool. Soc. 1861. p. 195.

— — (Plectotropis) Mart. Ostas. Zool. II. p. 75.

Habitat Camboja (Mouhot).

#### 1542. **H. goniochila** Pfr.

T. late umbilicata, convexo-conica, solidula, sub lente striatula et *granulata*, subdiaphana, pallide cornea; spira magis minusve elata, vertice minuto; anfr. 6 convexiusculi, ultimus non descendens, acute carinatus, infra carinam convexior; apertura diagonalis, angulato-lunaris; perist. sublabiatum, marginibus subconvergentibus, supero subrecto, columellari brevi, verticali, patente, transverse uniplicato, extus sulcato, cum basali reflexo angulum formante. — Diam. maj. 13, min. 11, alt.  $6\frac{1}{2}$  mill. (Coll. Nr. 714 var. min.)

β. Major, depressior, pallide fulvida; diam. maj. 14, min.  $12\frac{2}{3}$ , alt.  $6\frac{3}{4}$  mill.

*Helix goniochila* Pfr. in Journ. Conch. X. 1862. p. 39.  
t. 6. f. 1.

— *ptychostyla* var. Mart. Ostas. Zool. II. p. 74.

Habitat Siam.

Obs. Peraffinis *H. repandae*.

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1543. (1126.) **Winteriana** Pfr. (Coll. Nr. 715.) Plectotropis Mart. Ostas. Zool. II. p. 76. 264. \*) t. 13. f. 11. — *Nanina Winteriana* (Trochomorpha) A<sup>2</sup>. 61. — Java, Borneo, Sumatra, Timor, Siam. (I. 202.)

1544. (1127.) **Huttoni** Pfr. (Coll. Nr. 716.) Plectotropis Mart. Ostas. Zool. II. p. 267. \*\*) — *H. orbicula* Hutt. — *Nanina Huttoni* (Orobis) A<sup>2</sup>. 58. — Himalayah, Java (Zollinger). (I. 202.)

\*) «Testa modice umbilicata, subdepressa, supra convexe conoidea, infra subaequaliter convexa, striatula, nitidula, fusca vel pallidius cornea; carina peripherica crassiuscula, cinguliformis; angulus umbilicalis distinctus; anfr.  $5\frac{1}{2}$ , convexiusculi, ultimus distincte descendens; apertura diagonalis, truncato-circularis; peristoma tenue, album vel roseum margine supero vix, basali breviter, columellari latiuscule expanso; angulus basalis aperturae plerumque magis distinctus, quam ang. periphericus. — Diam. maj.  $8\frac{1}{3}$ —12, min. 7— $10\frac{1}{2}$ , alt. 5— $7\frac{1}{2}$ ; apert. long. 4—6, alt. 4— $5\frac{1}{2}$  mill.» (v. M.)

\*\*) «Testa latiuscule umbilicata, depresso conica, *striis confertis* arcuatis inter se *reticulatim confluentibus* et saepius interruptis minute scabra,

1545. **H. Mariae Cox.** †

«H. testa subample et profunde umbilicata, lenticulari, depressa, crassiuscula, pellucida, parum nitente, obsolete radiato-striata, sub lente utrinque minute granulata, colore variante inter sordide luteum et pallide castaneum, fascia spirali rufescente aut castanea supra carinam, altera secus suturam, annuloque lato castaneo circa umbilicum, intus pallidum; spira convexiuscula; anfractibus quinque planulatis, ultimo obtuse carinato; apertura subquadrato-ovata; peristomate expanso, reflexo, albo; margine externo recto, columellari leviter bisinuato, basi expansiusculo. — Diam. maj. 0,65, min. 0,57, alt. 0,30 unc.» (C.)

β. Rufo-castanea, sine fasciis.

*Helix Mariae Cox* in Proc. Zool. Soc. 1865. p. 594.

Habitat «Clarence River» Australiae (Macgillivray).

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1546. (1136.) **Sinaitensis Pfr.** — *Nanina sinaitensis* (Trochomorpha) A<sup>2</sup>. 64. — Luzon. (I. 204.)

1547. (1137.) **cyathus Pfr.** — *Nanina cyathus* (Trochomorpha) A<sup>2</sup>. 64. — Luzon. (I. 204.)

1548. (1138.) **cyathellus Pfr.** — *Nanina cyathellus* (Trochomorpha) A<sup>2</sup>. 64. — Ins. Panay Philippinarum. (I. 204.)

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1549. **H. jaspidea Pfr.**

T. late umbilicata, depressa, carinata, solidula, oblique costulato-striata, corneo-albida, pallide corneo flammulata et subfasciata; spira vix elevata, apice corneo; sutura levis, marginata; anfr. 5 planiusculi, regulariter accrescentes, ultimus utrinque convexior, antice descendens; umbilicus fere  $\frac{1}{4}$  diametri occupans; apertura perobliqua, transverse oblonga, intus carnea, albo-fasciata; perist. albidum, marginibus approximatis, supero recto, basali reflexo, ad insertionem dilatato. — Diam. maj. 34, min. 26, alt. 40 mill. (Mus. Cuming.)

*Helix jaspidea Pfr.* in Proc. Zool. Soc. 1859. p. 24. t. 44.

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pallide cornea; carina peripherica minus acuta, at usque ad aperturam distincta, angulus umbilicalis indistinctus; spira sat elata; anfr. 6, convexiusculi, ultimus subtus sat convexus, antice paulum deflexus; apertura sat obliqua, quadrato-rotundata; peristoma breviter expansum, album, margine columellari subverticali, angulum minus distinctum cum basali efficiente. — Diam. maj.  $9\frac{1}{2}$ , min. 9, alt. 6; apert. long. 4, lat. 4 mill.» (v. M.)

f. 5; Malak. Bl. 1859. p. 12; Novit. conch.  
p. 156. Nr. 251. t. 41. f. 4—7.

Habitat in provincia Patasensi Peruviae (Dr. Farris).

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1550. (1139.) **cariosa Oliv.** (Coll. Nr. 717.) *Mouss. Coq. voy. Roth* p. 26 cum varr.: *amphicyrta* (*H. amphicyrta* Bourg. Amén. II. p. 144. t. 18. f. 10. 11), *Nazarensi* et *crassocarina*. — *Leucochroa cariosa* A<sup>2</sup>. 79. — Syria. (I. 204.)
1551. (1140.) **Otthiana Forb.** (Coll. Nr. 718.) *H. Jeannotiana* Terv. — *Leucochroa Otthiana* A<sup>2</sup>. 79. — Algeria. (I. 205.)
1552. (1141.) **Reentsi Phil.** (Coll. Nr. 719.) *Bulimulus Reentsi* (Bostryx) A<sup>2</sup>. 219. — Chile. (IV. 182.)
1553. (1142.) **Troilus Gould.** (Coll. Nr. 720.) *Nanina Troilus* (Discus) A<sup>2</sup>. 62. — Ins. Samoa. (I. 123.)
1554. (1143.) **curvilabrum Ad. et Rv.** — Ins. Philippin. (III. 158.)
1555. (1144.) **Merziana Pfr.** (Coll. Nr. 721.) *Nanina Merziana* (Discus) A<sup>2</sup>. 62. — Ins. Salomonis. (III. 158.)
1556. (1145.) **apia Jacq.** (Coll. Nr. 722.) *Nanina apia* (Discus) A<sup>2</sup>. 62. — Nov. Hebrid. (IV. 183.)
1557. (1146.) **Lüdersi Pfr.** (Coll. Nr. 723.) *Geotrochus* A<sup>2</sup>. 168. — Ins. Feejee. (IV. 183.)

1558. **H. tetrica Paiva.**

«T. supra nigricans vel latissime nigro-fasciata, depresso-discoidea, subplanata, carinata, solida, undique confertissime granulis distinctissimis albidis prominentibus grosse scobinata; carina acuta, expressiuscula, vix limbata, subsupera; spira convexo-depressa, subplanata, pulvinata, sc. anfractui ultimo antice tumidulo superimposita; anfractibus convexiusculis, penultimo antice subdepresso, sutura distincta; umbilico maximo, aperto, patulo, spirali,  $\frac{1}{3}$  diametri majoris latitudine aequante. — Diam. maj. 13—15, min. 11—12, alt. 7—8 mill.; anfr. 7—8.» (L. — Coll. Nr. 724.)

*Helix tetrica Paiva* mss., Lowe in Ann. and Mag. n. h. 3d. ser. X. (Aug. 1862.) p. 95.

— — *Pfr.* in Malak. Bl. XI. 1864. p. 53. t. 2. f. 4—7.

Habitat in insula Deserta australi prope Maderam.

1559. **H. Alleniana Paiva. †**

«T. umbilicata, solida, undique tuberculis seu mamillis oblongis, albis confertim scabra, supra corneo-lutescens, alborugulosa, fere lentiginosa, discoideo-depressa; spira conoidea, apice obtusiuscula; sutura impressa; umbilicus atrio amplo, subspiralis, profundus; anfr.  $6\frac{1}{2}$ —7 planulati, ultimus quasi pulvinatus, limbato-carinatus, antice vix deflexus, basi convexus, interdum fusco-unifasciatus; apert. ovato-lunaris, angulata; peristoma intus albo-incrassatum, marginibus lacteis,

interruptis, callo tenui, expanso junctis. — Diam. maj. 9—10, min. 6—7, alt. 6 mill.» (De P.)

*Helix Alleniana* Paiva in Journ. Conch. XIV. 1866. p. 343.  
t. 11. f. 10.

Habitat in insula Madera.

### §. 73.

1560. (1147.) **conferta** Pfr. — Habitat? (IV. 183.)

1561. (1148.) **Launcestonensis** Reeve. — Anoglypta 4<sup>2</sup>. 312. — Tasmania. (III. 159.)

### 1562. **H. Ternatana** Le Guillou.

T. angustissime umbilicata, conoidea, solida, oblique striata, fusca; spira convexo-conoidea, apice acutiuscula; sutura levis, carinato-marginata; anfr. 7, supremi plani, sequentes convexiusculi, ultimus carinatus, non descendens, basi profunde excavatus; apertura diagonalis, rotundato-lunaris; perist. rectum, marginibus distantibus, dextro subsimplice, basali incrassato, ad insertionem flexuose ascendente. — Diam. maj. 20½, min. 18½, alt. 11½ mill. (Coll. Nr. 725.)

β. Major, anfr. 8½, ultimo infra carinam praecedentis recedente. — Diam. maj. 23⅓, min. 22, alt. 14 mill.

*Helix Ternatana* Guill., Pfr. Mon. Helic. I. p. 328. Nr. 864.

— *Batchianensis* Pfr. in Malak. Bl. 1860. p. 235; Proc. Zool. Soc. 1861. p. 21. t. 2. f. 5.

*Trochomorpha Batchianensis* Wallace in Proc. Zool. Soc. 1865. p. 407.

— *Ternatana* (Nigritella) Mart. Ostas. Zool. II. p. 246.\*) t. 13. f. 1a—1e.

Habitat in insulis Batchian, Tawalli, Makian, Moti, Tidore, Ternate Moluccarum (Wallace et Martens).

Obs. Habitu similis *H. Troilo* Gould, basi excavata et umbilico angustissimo praecipue discrepans.

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\*) «Testa anguste umbilicata vel perforata, obtuse-conica, solida, oblique striata, brunnea, carina saepe pallidior supra opaca, basi paulum nitidula; spira convexo-conica, altitudine varians; anfr. 7, infra suturas tumidiusculi, superiores acute carinati, ultimus obtuse angulatus, angulo saepe pallide flavo, basi planatus, antice haud descendens; apertura valde obliqua vel diagonalis, depresso lunata; peristoma rectum, marginibus distantibus, supero simplice, basali incrassato, antrorsum convexo, columellari antrorsum concavo, paulum incrassato, haud reflexo.

α. Major, magis depressa: diam. maj. 18½—22, min. 16⅓—20, alt. 11—14; apert. long. 10—11, lat. 8—9 mill.

β. Minor, elatior: diam. maj. 16, min. 14⅓—14½, alt. 12—14; apert. long. 8, lat. 7 mill.» (v. M.)



1563. (1149.) **goniomphala Pfr.** — *Trochomorpha goniomphala* (Nigritella) Mart. Ostas. Zool. II. p. 247. — Habitat? (IV. 184.)  
 1564. (1150.) **costulosa Pfr.** — Ins. Salomonis. (III. 159.)  
 1565. (1151.) **virgulata Sow. †** — Habitat? (I. 351.)  
 1566. (1152.) **trochiformis Fér.** (Coll. Nr. 726.) *Nanina trochiformis* (Trochomorpha) A<sup>2</sup>. 60. — Tahiti. (I. 206.)  
 1567. (1153.) **nigritella Pfr.** (Coll. Nr. 727.) *Nanina nigritella* (Nigritella) A<sup>2</sup>. 63. — Ins. Sandwich. — Var. *trochiformis*: Puynipet insularum Carolinarum (Hochstetter). (I. 205.)  
 1568. (1154.) **scytodes Pfr.** — Ins. Salomonis. (IV. 184.)  
 1569. (1155.) **approximata Guill.** (Coll. Nr. 728.) *Nanina approximata* (Discus) A<sup>2</sup>. 62. — Var.: *H. marmorosa* Jacq. — Ins. Carolin. (I. 206. III. 160.)

1570. **H. lardea Martens. †**

«Testa modice umbilicata, lenticularis, acute carinata, striatula, lardeonitens, pallide corneo-flava, concolor; spira paulum prominula; anfr. 5, vix convexiusculi, ultimus antice non descendens; apertura valde obliqua, securiformis; peristoma rectum, intus albolabiatum, margine supero stricto, basali sigmoideo. — Diam. maj. 14, min. 12, alt.  $5\frac{1}{2}$ , apert. long.  $6\frac{1}{3}$ , lat. 5 mill.» (v. M.)

*Helix Zollingeri* Mouss. Coll. non Pfr.

*Trochomorpha lardea* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 267; (Videna) Ostas. Zool. II. p. 251. t. 13. f. 5. 6.

Habitat Wahai insulae Ceram Moluccarum.

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1571. (1156.) **Shanghaiensis Pfr.** — *Nanina shanghaiensis* (Trochomorpha) A<sup>2</sup>. 61. — *Hel. Shanghaiensis* (Plectotropis) Mart. Ostas. Zool. II. p. 42. — China. (III. 642.)  
 1572. (1157.) **Gouldi Pfr.** (Coll. Nr. 729.) *Nanina Gouldi* (Trochomorpha) A<sup>2</sup>. 61. — Ins. Philippin. (I. 205.)  
 1573. (1158.) **serrula Bens.** — *Nanina serrula* (Trochomorpha) A<sup>2</sup>. 60. — Bengalia. (I. 206.)  
 1574. (1159.) **Janulus Pfr.** — Natal. (IV. 185.)  
 1575. (1160.) **cheiranthicola Lowe.** (Coll. Nr. 730.) *Ochtheiphila* A<sup>2</sup>. 118. — Portosancto. (I. 212.)  
 1576. (1161.) **mustelina Lowe.** (Coll. Nr. 731.) Portosancto. (IV. 185.)  
 1577. (1162.) **polymorpha Lowe.** (Coll. Nr. 732.) Tectula A<sup>2</sup>. 120. — *H. saccharata* Lowe. — Madera. (I. 213. III. 163.)  
 1578. (1162β.) **pulvinata Lowe.** (Coll. Nr. 733.) Tectula A<sup>2</sup>. 120.  
 1579. (1162γ.) **salebrosa Lowe.** (Coll. Nr. 734.) Ann. and Mag. n. h. 3d. ser. X. p. 95. (*H. senilis* Lowe olim, Tectula A<sup>2</sup>. 120, non Mor.) — Madera.  
 1580. (1162δ.) **poromphala Lowe.** (Coll. Nr. 735.) Tectula A<sup>2</sup>. 120. — Madera.  
 1581. (1162ε.) **lincta Lowe.** (Coll. Nr. 736.) Tectula A<sup>2</sup>. 120. — Madera. — β. *H. arenicola* (Tectula) A<sup>2</sup>. 120.  
 1582. (1162ζ.) **discina Lowe.** (Coll. Nr. 737.) Tectula A<sup>2</sup>. 120. — Portosancto.

1583. (11627.) **papilio Lowe.** (Coll. Nr. 738.) Tectula A<sup>2</sup>. 120. — Portosancto.

1584. **H. Bascauda Benson.** †

«Testa anguste et profunde umbilicata, conica, trochiformis, costis elevatis remotiusculis obliquis, subtus flexuosis, regularibus ornata, rufo-cornea; spira conica, apice obtusiusculo, sutura impressa; anfractibus 6 convexiusculis, ultimo non descendente, ad peripheriam filoso-carinato, subtus convexo, circa umbilicum subangulato; apertura quadrata, peristomate tenui, acuto, margine columellari, nec non basali, parum expansiusculo. — Diam. maj.  $4\frac{1}{2}$ , min. 4, axis 4 mill.» (B.)

*Helix Bascauda Bens.* in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859) p. 186. (Malak. Bl. 1859. p. 12.)

Habitat ad Teria Ghát montium Khasiae (India.)

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1585. **H. diplodon Benson.** †

«Testa perforata, subgloboso-conica, tenui, laevigata, parum striatula, sub epidermide cornea, albida; spira convexo-conica, apice obtusiusculo, sutura impressiuscula, marginulata; anfractibus  $6\frac{1}{2}$  vix convexiusculis, ultimo acute carinato, non descendente, basi convexiuscula, antice prope peripheriam planulato-excavata, medio subito tumidiuscula; apertura obliqua, subhorizontaliter angulato-lunata, intus bidentata, dentibus 2, 1 subcolumellari obtuso, altero remotiusculo, pliciformi, sinuato, intrante, peristomate superne tenui, acuto, margine columellari ad umbilicum breviter reflexo, basali arcuato, expansiusculo. — Diam. maj.  $6\frac{1}{2}$ , min.  $5\frac{1}{2}$ , alt. 5 mill.» (B.)

*Helix diplodon Bens.* in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 187. (Malak. Bl. 1859. p. 13.)

Habitat prope Teria Ghát montium Khasiae.

Obs. «Facile distinguenda ab affinibus *H. bidenticulata* et *Pirrieana* dente intrante pliciformi et characteribus baseos prope aperturam; a priore praeterea defectu sculpturae spiralis.»

§. 74.

1586. (1163.) **funiculata Pfr.** — Dorcasia A<sup>2</sup>. 107. — Australia. (IV. 186.)

1587. (1164.) **Dunniac Gray.** — Rhytida A<sup>2</sup>. 89. — Nova Seelandia. (I. 207.)

1588. (1165.) **Guilloui Pfr.** † — *H. Valenciennesii Guill.* — Habitat? (I. 207.)

1589. (1166.) **dictyodes Pfr.** (Coll. Nr. 739.) Rhytida A<sup>2</sup>. 89. — Nova Guinea. — Var.  $\beta$ . Major, anfr.  $7\frac{1}{2}$ ; diam. maj.  $35\frac{1}{2}$ , min. 31, alt. 16 mill. (Nova Caledonia: Macgillivray). (I. 208.)  
 1590. (1167.) **luteo-cornea Pfr.** — Ins. Navigatorum. (IV. 186.)

1591. **H. genezarethana Mousson.**

«T. mediocriter umbilicata, carinata, convexo-lenticularis, depressa, dense membranacea, subpellucida, levis, striata, minutissime et elegantissime granulata, concolor, fulvicans seu pallida, sine nitore. Spira obtuse conica, sutura lineari. Anfr.  $5\frac{1}{2}$ , plani, carinati; ultimus non descendens, subtus valde convexus, in umbilicum subinflatus. Apertura non obliqua, subsecuriformis. Perist. simplex, margine supero recto, subobtus, infero tenuiter expanso et labiato, columellari ad umbilicum late reflexo. — Diam. maj. 22, min. 19, alt. 14 mill.» (M. — Coll. Nr. 740.)

*Helix genezarethana* Mouss. Coq. voy. Roth 1861. p. 28.

— — *Bourg.* in Rev. et Mag. Zool. XV. 1863. p. 107. \*) t. 7. f. 9—11; Moll. nouv., litig. etc. I. p. 17. t. 3. f. 9—11.

— *Tiberana* Mouss. in sched. coll. Dohrn.

Habitat in valle Tiberiadis Palaestinae.

1592. **H. Jasonis Dubois. †**

«T. magne umbilicata, orbiculata, depressa, tenuiuscula, transversim fortiter costulato-striata, interstitiis minutissime granulatis, subdiaphana, pallide-cornea s. albescens. Spira planiuscula, obtuse-conoidea, regularis; summo minuto decolorato; sutura plana, subfilosa. Anfr.  $6\frac{1}{2}$  regulariter accrescentes, supra plani, carina perspicua; ultimus vix descendens, carina subcrenata compressa circumdatus, subtus convexiusculus, de peripheria compressus, in umbilicum pervium incidens. Apertura subobliqua, transversim angulato-lunata. Perist. acutum, non labiatum, margine supero recto, antea curvato;

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\*) «Testa perforata, convexo-lenticulari, carinata, depressa, subpellucida, striatula ac minutissime et elegantissime undique granulata, concolore, corneo-luteola; spira convexa; apice parvulo, obtuso, sublaevigato; anfractibus  $5\frac{1}{2}$  supra planulatis, carinatis, regulariter ac sat celeriter crescentibus, sutura lineari separatis; ultimo maximo, supra planulato, infra convexo, ad perforationem subinflato, ac ad aperturam non descendente; apertura paululum obliqua, lunata, angulato-rotundata, intus albidula; peristomate simplice; margine supero recto subobtus; margine infero arcuato, intus paululum labiato, ac leviter expanso; margine columellari late reflexo; marginibus callo tenui, albido junctis. — Alt. 14, diam. 22 mill.» (B.)

infero de carina late-reflexo, crassiusculo; columellari brevi, ad umbilicum late patulo et producto. — Diam. maj. 24, min. 21, alt. 9 mill.» (M.)

*Helix Jasonis* Dub., Charp. Catal. Nr. 324.

— — Mouss. Coq. voy. Roth p. 28 (nomen); Coq. Schläfli II. p. 52.

Habitat in Mingrelia.

### 1593. **H. Evandaleana** Pfr.

T. subanguste umbilicata, depressa, solidula, carinata, superne rugoso-striata et granulata, pilis brevibus obsita, subpellucida, fusca; spira parum elevata, vertice obtuso; sutura profunda, carina magis minusve prominente marginata; anfr. 4 convexi, ultimus supra medium carina funiformi et interdum angulo secundo obsoletiore circumdatus, basi levius striatus, plano-convexus; apertura obliqua, late lunaris; perist. simplex, marginibus vix convergentibus, dextro recto, basali reflexiusculo, juxta umbilicum subdilatato. — Diam. maj.  $47\frac{1}{2}$ , min. 45, alt. 9 mill. (Coll. Angas.)

*Helix Evandaleana* Pfr. in Proc. Zool. Soc. 1863. p. 528.

Habitat Evandale Australiae meridionalis.

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1594. (1168.) **tectiformis** Sow. (Coll. Nr. 741.) Tectula A<sup>2</sup>. 121. — Portosancto. (I. 208.)

1595. (1169.) **Ludovici** Alb. (Coll. Nr. 742.) Tectula A<sup>2</sup>. 121. — Portosancto. (III. 642.)

1596. (1170.) **Tunetana** Pfr. — Tunis. — Excludatur synonymum Moreletianum. (III. 160.)

### 1597. **H. Mograbina** Morelet.

«T. late umbilicata, carinata, subtrochiformis, utrinque convexa, cretacea, aspera, albicans vel rubigine tincta, strigis irregularibus crispis et tuberculosi corrugata; spira variabilis, apice nitido; anfract. 6 medio convexi, crenulato-carinato, ultimo basi deflexo, circa umbilicum majusculum, pervium, angulato. Apertura angulato-circularis; peristoma simplex, tenue; marginibus fere contiguis.» (M.) — Diam. maj.  $46\frac{1}{2}$ , min. 44, alt. 10 mill. (Coll. Nr. 743.)

*Helix Mograbina* Mor. in Journ. Conch. III. 1852. p. 62. t. 1. f. 11—13.

Habitat ad meridiem provinciae Oranensis.

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1598. (1171.) **nummus** Ehrenb. (Coll. Nr. 744.) Fruticicola A<sup>2</sup>. 105. — *H. Hedenborgi* Pfr., *oxygyra* Boiss. — *Hygromia nummus* Mörch in Journ. Conch. XIII. p. 383. — Syria. (I. 209.)

1599. (1172.) **Bulverii Wood.** (Coll. Nr. 745.) Tectula A<sup>2</sup>. 120. — Portosancto. — Var.: *H. Albersii* Lowe. (I. 208.)  
 1600. (1173.) **Lyelliana Lowe.** (Coll. Nr. 746.) *H. Bulweri* var. A<sup>2</sup>. 124. — Madera. (III. 161.)  
 1601. (1174.) **testudinalis Lowe.** (Coll. Nr. 747.) Tectula A<sup>2</sup>. 120. — Portosancto. (III. 161.)

1602. **H. Gomesiana Paiva. †**

«T. umbilicata, orbiculato-conoidea, solidiuscula, supra fusco-albo fasciata, castaneo-cinnamomea, infra albo-flavescens, tota eleganter confertim albo-granulata; spira conoideo-depressa; sutura distincta, subimpressa; umbilicus mediocris, profundus, atrio amplo; anfr. 6½—7 planulati, regulariter crescentes, ultimus exserte carinatus, carina subinfera, subacuta, basi turgidus, plicis ad umbilicum confluentibus notatus, antice deflexus; apert. subrotundato-angularis; peristoma reflexiusculum, intus albido-crassum, marginibus remotis, callo procumbente, inaequali junctis. — Diam. maj. 11—13, min. 9—10, alt. 6½—7 mill.» (De P.)

*Helix Gomesiana Paiva* in Journ. Conch. XIV. 1866. p. 341. t. 11. f. 6.

Habitat in insulis «Ilheos de Nordeste» dictis, ad ins. Portosancto oram orientalem adjacentibus.

1603. **H. Barbozae Paiva. †**

«T. umbilicata, orbiculato-pyramidata, solida, supra livide lutescens, fusco variegata, albo crenulato-granulata, striata; spira elata, apice lutea, nitida; sutura impressa; umbilicus patulus, spiralis, profundus; anfr. 7—7½ regulariter accrescentes, convexi, ultimus subpulvinatus, tumidus, carinatus, antice profunde deflexus, basi lineis undatis, caeruleo-griseis et interdum fascia castanea vel caeruleo-grisea notatus; apert. rotundato-lunaris; peristoma intus albo-incrassatum, subreflexum, marginibus contiguis, callo denso, inaequali junctis. — Diam. maj. 11—13, min. 8—9, alt. 7—8 mill.» (De P.)

*Helix Barbozae Paiva* in Journ. Conch. XIV. 1866. p. 342. t. 11. f. 8.

Habitat in insula parva «Ilheo da Fonte d'Area» dicta, ad oram septentrionalem insulae Portosancto adjacente.

Obs. «Differt ab *H. Gomesiana* anfractibus supra striatis, minus granulatis et lineis basalibus flexuosis, caeruleo-griseis.»

1604. **H. helicinoides Mousson. †**

«Testa biconica, anguste umbilicata, carina grossiuscula cincta, leviter striata et pilis caducis obsita, tenuis, griseo-

cornea, unifasciata; spira brevis, obtusa; anfr.  $4\frac{1}{2}$ —5, subplani, ultimus basi convexus, antice paulum deflexus; apertura diagonalis, quadrangulo-lunata; peristoma expansum, margine columellari subverticali, reflexo. — Diam. maj. 12,7, min. 10,8, alt. 8 mill.» (v. M.)

α. Peristomate tenui, brevius reflexo.

*Helix helicinoides* Mouss., Pfr. Mon. III. p. 162; IV. p. 187.

— — (Fruticicola) Mart. Ostas. Zool. II. p. 270.

β. Major, peristomate incrassato, umbilici partem tegente. — Diam. maj. 18, min. 15, alt. 10; apert. long. 10, alt.  $8\frac{1}{2}$  mill. (v. M.)

*Helix cryptopila* Mousson in coll.

Habitat in insula Java, var. in insula Rakata (Zollinger).

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1605. (1176.) **hispidula** Lam. (Coll. Nr. 748.) Gonostoma A<sup>2</sup>. 92. — *H. Bertheloti* Fér. — Teneriffa. (I. 209)
1606. (1177.) **marcida** Shuttl. † — Gonostoma A<sup>2</sup>. 92. — Ins. Canar. (III. 643.)
1607. (1178.) **lens** Fér. (Coll. Nr. 749.) Gonostoma A<sup>2</sup>. 92. — *H. barbata* Desh. — Graecia. — Var. minor, umbilico angustiore, carina minus acuta: *H. lentiformis* Zgl. (Macedonia: Parreyss.) Conf. Mouss. Coq. Schläfli I. p. 32. (I. 209.)
1608. (1179.) **lenticularis** Mor. (Coll. Nr. 750.) Gonostoma A<sup>2</sup>. 92. — Fez et Tanger Africae. (IV. 188.)
1609. (1180.) **Calpeana** Mor. † — Gonostoma A<sup>2</sup>. 92. — *H. finitima* Fér. — Gibraltar. (IV. 188.)
1610. (1181.) **afficta** Fér. (Coll. Nr. 751.) Gonostoma A<sup>2</sup>. 92. — Teneriffa. (I. 211.)
1611. (1182.) **Discobolus** Shuttl. † — Gonostoma A<sup>2</sup>. 92. — Ins. Canar. (III. 643.)
1612. (1183.) **Fortunata** Shuttl. (Coll. Nr. 752.) Gonostoma A<sup>2</sup>. 92. — Teneriffa. (III. 162.)
1613. (1184.) **planissima** Pfr. — Habitat? (I. 211.)
1614. (1185.) **lenticula** Fér. (Coll. Nr. 753.) Gonostoma A<sup>2</sup>. 92. — Mouss. Coq. voy. Roth p. 10: prope Hierosolymam. — *H. subtilis* Lowe. — Europa merid., Africa bor., Madera. (I. 211.)
1615. (1186.) **Segestana** Phil. (Coll. Nr. 754.) Iberus A<sup>2</sup>. 135. — Sicilia. (I. 212.)

#### 1616. **H. cuyana** Strobel.

T. umbilicata, depressa, lenticularis, carinata, tenuiuscula, oblique plicata, griseo-fusca; spira parum elevata, vertice minuto, papillatim prominulo; sutura submarginata; anfr. 4 planiusculi, celeriter accrescentes, ultimus juxta suturam convexus, periphæria acute crenato-carinatus, non descendens, basi parum convexus, arcuato-plicatus; umbilicus apertus,  $\frac{1}{7}$  diametri occupans; apertura perobliqua, truncato-ovalis, ad carinam angulata, intus fusca, nitida; perist. simplex, margini-



bus convergentibus, supero recto, basali breviter reflexo, columellari ad insertionem subdilatato. — Diam. maj.  $14\frac{1}{2}$ , min. 11, alt. 5 mill. (Coll. Nr. 755.)

*Helix cuyana* Strob. teste Philippi in sched.

— — Pfr. in Malak. Bl. XIV. 1867. p. 79; Novit. conch. Fasc. XXVII. Nr. 449. t. 79. f. 16—18.

Habitat in provincia Mendoza Peruviae.

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1617. (1187.) **attrita** Lowe. (Coll. Nr. 756.) Tectula A<sup>2</sup>. 120. — Portosancto. (III. 164.)

1618. (1188.) **tabellata** Lowe. (Coll. Nr. 757.) Tectula A<sup>2</sup>. 120. — Madera. (III. 164.)

1619. (1189.) **Maderensis** Wood. (Coll. Nr. 758.) Ochthephila A<sup>2</sup>. 119. — *H. cyclostoma* Menke. — Madera. — Var.: *H. spirorbis* Lowe. (I. 213.)

1620. (1190.) **lentiginosa** Lowe. (Coll. Nr. 759.) Actinella A<sup>2</sup>. 119. — Madera. (I. 145. III. 164.)

### 1621. **H. torrefacta** Lowe. †

«T. orbiculato-depressa umbilicata subcarinata, spiraliter sublamellatis argute et aequaliter filo-cincta, transversimque subtilissime et creberrime arcte striolata, albida fusco tessellatim fasciato-picta v. lentiginoso-maculata; spira convexiuscula, sutura valde distincta impressa, anfr.  $4\frac{1}{2}$ —5 convexis, ult. antice descendente; umbil. parvo subspirali; apert. depressa transverse ovali labris approximatis v. continuis; perist. tenui simplicissimo. — Diam. maj.  $5\frac{1}{2}$ — $6\frac{1}{2}$ , min. 5—6, alt.  $3\frac{1}{4}$ —4 mill.» (L.)

*Helix torrefacta* (Actinella) Lowe in Ann. and Mag. n. h. 3d. ser. VII. (1861) p. 106.

Habitat in insula Lanzarota.

Obs. Proxime affinis *H. lentiginosae*.

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1622. **tenuistriata** Binn. † — Pfr. Mon. Hel. I. p. 432. Conf. W. G. Binn. Terr. Moll. IV. p. 118. \*)

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\*) «It is quite flat on the upper surface, rising a little towards the apex; the whorls, which are distinctly marked, are beautifully striated with delicate prominent curved lines, which are crowded towards the apex, and separated by a distinct interval on the outer whorl; they terminate on the edge of the carina, which is a little plaited by them, the base below being smooth. The aperture is narrow, and marked by an angle at the carina. The lip below the carina has a distinct, though narrow reflection. The umbilicus is moderate, conical, and rather deep, exhibiting about three volutions.» (W. G. Binn.)

## §. 75.

1623. (1191.) **sarcocheila Mörch.** (Coll. Nr. 760.) *H. sarcochila* (Caracolus) A<sup>2</sup>. 456. — Haiti. (III. 465.)

1624. (1192.) **Carocolla Linn.** (Coll. Nr. 761.) *H. caracolla* (Caracolus) A<sup>2</sup>. 456. — *H. tornata* Born. — *Carocolla albilabris* Mörch in Journ. Conch. XIII. p. 483. — Conf. Pfr. in Malak. Bl. 1858. p. 447. — Portorico, Vieque. (I. 20. III. 465.)

1625. **H. insititia Shuttleworth.**

T. imperforata, turbinata, carinata, solida, oblique striatula, sub epidermide virente castanea; spira breviter conoidea, vertice rotundato; sutura anfractuum superiorum linearis, non marginata, ultimorum flavida; anfr. 5½ vix convexiusculi, ultimus antice convexior, non descendens, medio acute carinatus, modice convexus, radiato-striatus; apertura perobliqua, angulato-lunaris, intus laevissima, nitida, livida vel coerulescens; perist. obtusum, lividum vel fuscum, marginibus remotis, callo crasso, nitido, intrante junctis, dextro recto, basali incrassato, dilatato, appresso. — Diam. maj. 50, min. 45, alt. 24 mill. (Coll. Nr. 762.)

*Helix Carocolla* ε Pfr. in Zeitschr. f. Malak. 1852. p. 32; Mon. Hel. III. p. 466.

— — — Reeve Conch. ic. Nr. 227. t. 48.

— *insititia* Shuttl. Diagn. Nr. 6. p. 433.

Habitat in insula Haiti (Sallé).

1626. (1193.) **excellens Pfr.** (Coll. Nr. 763.) *Caracolus* A<sup>2</sup>. 456. — Haiti. (III. 466.)

1627. (1194.) **semiglobosa Pfr.** (Coll. Nr. 764.) *Nanina semiglobosa* (Hemiplecta) A<sup>2</sup>. 52. — Ins. Philippin. (I. 75.)

1628. (1195.) **Panayensis Brod.** (Coll. Nr. 765.) *Nanina panayensis* (Hemiplecta) A<sup>2</sup>. 52. — *Hemiplecta Panayensis* Mörch in Journ. Conch. XIII. p. 379. — Ins. Philippin. (I. 75.)

1629. (1196.) **semigranosa Sow.** (Coll. Nr. 766.) *H. Blainvilliana* Lea. — *Nanina semigranosa* (Hemiplecta) A<sup>2</sup>. 52. — Ins. Philippin. (I. 74.)

1630. (1197.) **chionodiscus Pfr.** — *Leucochroa chionodiscus* A<sup>2</sup>. 79. — *Zonites chionodiscus* (Calcarina) Bourg. Malac. Alg. I. 1863. — *Chersonesus taur.* (IV. 490.)

1631. (1198.) **scabriuscula Desh.** (Coll. Nr. 767.) *Iberus* A<sup>2</sup>. 435. — *H. erycina* Jan. — Sicilia. — Var.: *H. selinuntina* Phil. (I. 244.)

1632. (1199.) **cariosula Mich.** (Coll. Nr. 768.) *Gassies* in Journ. Conch. XIV. 1866. p. 34. — *Leucochroa cariosula* A<sup>2</sup>. 79. — Algeria. (I. 345.)

1633. (1200.) **Küsteri Pfr.** (Coll. Nr. 769.) *Nanina Küsteri* (Nigritella) A<sup>2</sup>. 63. — Ins. Carolin. (I. 245.)

1634. (1201.) **rotula Lowe.** (Coll. Nr. 770.) *Tectula* A<sup>2</sup>. 424. — Portosancto. (I. 246.)

1635. (1202.) **tumulorum WB.** (Coll. Nr. 771.) *Xerophila* A<sup>2</sup>. 442. — Ins. Canaria. (I. 246.)

1636. (1203.) **Bensoni v. d. Busch.** — *Nanina Bensoni* (Trochomorpha) A<sup>2</sup>. 60. — Bengalia. (I. 216.)

1637. (1204.) **Nivariensis Shuttl.** (Coll. Nr. 772.) *Xerophila* A<sup>2</sup>. 112. — Teneriffa. (III. 167.)

1638. **H. Vieillardii Crosse et Marie.** †

«T. vix subrimata, orbiculato-convexa, striata, brunneo-castanea, maculis albis seu albido-roseis, in vicinio suturae latis, subregularibus, dein minoribus, flexuosis, fulguratis variegata; spira elevata, apice obtuso, castaneo, sublaevi; sutura impressa; anfr. 6 convexi, lente et regulariter accrescentes, valide et suboblique striati, primi (apice excluso) pallidi, ultimus obtusissime carinatus, non descendens, striis magis confertis a penultimo discrepans, subtus vix convexus, pone columellam albidus; apertura depressa, lunato-quadrangularis; peristoma rectum, margine supero simplice, antrorsum arcuato, nigro limbato, basali incrassato, caeruleo-albicante, intus callum latum usque ad insertionem emittente, columellari brevissimo. — Diam. maj. 14, min. 12½, alt. 8; apert. lat. 6½, alt. 5 mill.» (C.)

β. Subdepressa, paulo minor, spira minus elevata; diam. maj. 12½, min. 11½, alt. 6½ mill.

*Helix Vieillardii Crosse et Marie* in Journ. Conch. XV. 1867. p. 48. t. 4. f. 3.

Habitat in summo monte «Mou» dicto Novae Caledoniae.

1639. **H. Annamitica Crosse et Fischer.** †

«T. obtecte rimata, depresso-turbinata, tenuiuscula, non nitens, costulis arcuatis, numerosis longitudinaliter impressa, pallide rubiginosa; spira conoidea, obtusula; anfr. 6 convexiusculi, regulariter accrescentes, embryonales 2 laeves, ultimus obtuse carinatus, non descendens, subtus parum convexus, in medio laevigatus (costulis sensim evanescentibus), nitidus, virescens; apertura parum obliqua, subangulato-lunaris, intus albida; peristomium rectum, marginibus subparallelis, supero acuto, basali leviter incrassato, columellari subdilatato, rimam fere omnino claudente. — Diam. maj. 12, min. 10, alt. 7 mill.» (C.)

*Helix Annamitica Crosse et Fisch.* in Journ. Conch. XI. 1863. p. 347. t. 14. f. 3.

Habitat in insula Poulo-Condor Cochinchinae.

Obs. W. T. Blanford (Journ. Conch. XIV. 1866. p. 338) speciem ad *Naninam* refert et *mamillari* nec non *Basseinensi* affinem censet.

1640. (1205.) **delta Pfr.** — *Nanina delta* (Thalassia) A<sup>2</sup>. 59. — Australia. (IV. 190.)

1641. **H. Galea Benson.** †

«Testa vix perforata, conica, trochiformi, oblique striatula, striis confertissimis spiralibus granulosis decussata, albida (decorticata); spira regulariter conica, apice acutiusculo, sutura impressiuscula, submarginata; anfractibus 7, superioribus convexiusculis, tum planulatis, ultimo non descendente, acute carinato, subtus planulato, prope carinam leviter excavato; apertura valde obliqua, transversa, anguste angulari-lunata, peristomatis margine superiori recto, basali arcuato, intus incrassato, columellari superne reflexiusculo perforationem subtegente. — Diam. maj. vix 9, min. 8, axis  $5\frac{1}{2}$  mill.» (B.)

*Helix Galea Bens.* in Ann. and Mag. n. h. 3d. ser. III. (May 1859) p. 388.

Habitat Teria Ghát Birmaniae.

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1642. (1206.) **persimilis Shuttl.** (Coll. Nr. 773.) Teneriffa, Palma. (III. 129.)  
 1643. (1207.) **oleacea Shuttl.** (Coll. Nr. 774.) Ins. Palma. (III. 129.)  
 1644. (1208.) **leprosa Shuttl.** † — Teneriffa. (III. 130.)  
 1645. (1209.) **cinctella Drap.** (Coll. Nr. 775.) Fruticicola A<sup>2</sup>. 104. — *Hygromia cinctella Mörch* in Journ. Conch. XIII. p. 383. — Gallia, prov. Austriae littoralis, Italia. (I. 217.)  
 1646. (1210.) **solidula Pfr.** — Habitat? (IV. 191.)  
 1647. (1211.) **arridens Lowe.** (Coll. Nr. 776.) Actinella A<sup>2</sup>. 119. — Madera. — Foss.: *H. arcinella Lowe?* (I. 217.)  
 1648. (1212.) **fausta Lowe.** (Coll. Nr. 777.) Actinella A<sup>2</sup>. 119. — Madera. (I. 422. III. 167.)  
 1649. (1213.) **capsella Lowe.** (Coll. Nr. 778.) Madera. (IV. 192.)  
 1650. (1214.) **arcta Lowe.** (Coll. Nr. 779.) Actinella A<sup>2</sup>. 119. — Madera. (I. 404.)

§. 76.

1651. (1215.) **Macgillivrayi Forb.** (Coll. Nr. 780.) Geotrochus A<sup>2</sup>. 168. — Port Essington. (III. 168.)  
 1652. (1216.) **Bidwilli Pfr.** (Coll. Nr. 781.) Geotrochus A<sup>2</sup>. 168. — Australia. (III. 644.)  
 1653. (1217.) **crucibulum Pfr.** — Ins. Admiralitatis. (IV. 192.)

1654. **H. prominula Pfr.**

T. subimperforata, trochiformis, carinata, solidula, oblique chordato-costata, diaphana, cornea; spira conica, vertice minuto; anfr.  $4\frac{1}{2}$  planiusculi, superiores carina crenata subprominula muniti, ultimus antice brevissime deflexus, peripheria acute crenato-carinatus, basi convexiusculus; apertura diagonalis,

subrhombea, latere dextro subcanaliculata; perist. rectum, marginibus vix conniventibus, dextro acuto, columellari dilatato, albo, plano, subadnato, intus tuberculo dentiformi munito. — Diam. maj. 43, min. 42, alt.  $8\frac{1}{2}$  mill. (Coll. Nr. 782.)

*Helix prominula* Pfr. in Malak. Bl. V. 1858. p. 484.

Habitat Cabo Cruz insulae Cubae.

### §. 77.

1655. (1218.) **inversicolor** Fér. (Coll. Nr. 783.) Caraculus A<sup>2</sup>. 456. — *H. bicolor* Desh. — Isle de France. (I. 21.)

1656. (1219.) **tricolor** Pfr. — Corasia A<sup>2</sup>. 470. — Ins. Salomonis. (III. 468.)

1657. (1220.) **climacterica** Bens. (Coll. Nr. 784.) Testa epidermide olivacea, superne valde oblique plicata, munita. (*Benson* in Ann. and Mag. n. h. 3d. ser. III. p. 392.) — Teria Ghát (Theobald), Awakan Hills (Blanford). (III. 470.)

1658. (1221.) **Dryope** Brod. (Coll. Nr. 785.) Corasia A<sup>2</sup>. 470. — *H. prasina* Koch. — Ins. Philippin. (I. 218.)

1659. (1222.) **Webbiana** Lowe. (Coll. Nr. 786.) Leptaxis A<sup>2</sup>. 439. — Portosancto. (I. 219.)

1660. (1223.) **obserata** Lowe. (Coll. Nr. 787.) Actinella A<sup>3</sup>. 449. — Madera. (III. 469.)

### §. 78.

1661. (1224.) **virgo** Brod. (Coll. Nr. 788.) Corasia A<sup>2</sup>. 470. — *Helicostyla* (Corasia) *virgo* Mörch in Journ. Conch. XIII. p. 385. — Ins. Philippin. (I. 217.)

1662. (1225.) **papyracea** Brod. (Coll. Nr. 789.) Corasia A<sup>2</sup>. 470. — Ins. Philippin. (I. 218.)

1663. (1226.) **Wollastoni** Lowe. (Coll. Nr. 790.) Leptaxis A<sup>2</sup>. 439. — Portosancto. (III. 469.)

### 1664. **H. Berkeleii** Lowe. †

«T. obtecte perforata lenticularis depresso-planata acute carinata, subtus subconvexior, utrinque scobinato-granulata scabra oblique substriata fusco-cinerea, supra carinam saturate 2-infra 4-fasciata; spira plano-convexiuscula, anfr. 4— $4\frac{1}{2}$  plano-convexiusculis, sutura simplici distincta, ult. supra carinam subsulcato, carina perinde superne expressa, antice valde deflexo; apert. lunato-ovali, perist. late reflexo plano-expanso tenuissimo fragillimo intus umbilicum penitus obtegente, labris parallelis subapproximantibus distinctis callo tenui aliquando junctis. — Diam. maj. 20, min. 17, alt. 7 mill.» (L.)

*Helix Berkeleii* (*Iberus*) Lowe in Ann. and Mag. n. h. 3d. ser. VII. 1864. p. 408.

Habitat rariss. in insula Canaria Majore.

1665. (1227.) **detecta Fér.** (Coll. Nr. 791.) *Nanina detecta* (Rotula) A<sup>2</sup>. 63. — Ins. Bourbon. (I. 219.)  
 1666. (1228.) **recedens Pfr.** — Habitat? (III. 169.)

## §. 79.

1667. (1229.) **spinosa Lea.** (Coll. Nr. 792.) *Binn. Terr. Moll.* t. 44. f. 1; IV. p. 65. — *Stenotrema* A<sup>2</sup>. 96. — America borealis. (I. 421.)  
 1668. (1229a.) **barbigera Redf.** (Coll. Nr. 793.) *Pfr. Mon. Hel.* IV. p. 348. — *Binn. Terr. Moll.* IV. p. 63. t. 77. f. 1. 2. — *Stenotrema* A<sup>2</sup>. 97. — Georgia.

1669. **H. Edwardsi Bland.**

T. imperforata, conoideo-lenticularis, carinata, solidula, fulva, superne striata et subpilosa, subtus minute granulata; spira regulariter conoidea; anfr.  $5\frac{1}{2}$  planiusculi, lente accrescentes, ultimus peripheria angulatus, basi convexus, antice gibbus et subito deflexus; apertura diagonalis, anguste auriformis, dente elongato, leviter arcuato, linguaeformi parietis aperturalis coarctata; perist. callosum, margine supero brevi, subsimplice, basali arcuato, dilatato, appresso, introrsum medio leviter inciso. — Diam. maj. 9, min.  $8\frac{1}{2}$ , alt. 5 mill. (Mus. Cuming.)

*Helix Edwardsi Bland* in Ann. Lyc. N.-York 1858. VI. p. 277. t. 9. f. 14—16.

— — *Pfr.* in Malak. Bl. VI. 1859. p. 13.

— — *Binn. Terr. Moll.* IV. p. 63. t. 78. f. 7. 9.

Habitat in Virginia.

Obs. Differt ab *H. hirsuta* carina, sinu basali levissimo, etc.

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1670. (1230.) **Edgariana Lea.** — *Binn. Terr. Moll.* IV. p. 65. (t. 44. f. 2.) — *Bland* in Ann. Lyc. N.-York VII. p. 428. t. 4. f. 18. — Tennessee. (III. 126.)

1671. **H. labrosa Bland. †**

«T. imperforata, lenticulari, carinata, carina prope aperturam subobsoleta, solida, arcuatim striata, sub epidermide fusco-cornea; epidermide tenui, supra setis prostratis munita; spira convexo-conoidea, obtusula, anfr.  $5\frac{1}{2}$  planiusculis, ultimo antice deflexo, constricto, basi subinflato, lineis numerosis spiralibus impressis sub epidermide ornato; apertura perobliqua, anguste auriformi, dente valido in toto pariete aperturali linguaeformi arcuatim intrante coarctata; perist. calloso, reflexiusculo, marginibus callo sinuato junctis, margine basali incrassato, introrsum perdilatato, medio valde inciso. — Diam. maj.  $12\frac{1}{2}$ , min. 10, alt.  $6\frac{1}{2}$  mill.» (Bl.)



*Helix labrosa* Bland in Ann. Lyc. N.-York VIII. 1862. p. 430.  
t. 4. f. 19.

Habitat Arkansas, Alabama, Tennessee.

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1672. (1231.) **capessens** Bens. — *Pfr.* Novit. conch. p. 133. — Birmania. (IV. 194.)

1673. **H. Tickelli Theobald.** †

«Testa orbiculata, depresso-conoidea, acute carinata cornea, apice polito, supra transverse rugose striata, subtus glabra, semipolita. Anfr.  $6\frac{1}{2}$ , sutura impressa, apertura coarctata. Perist. incrassato albido, dentibus munito, hoc prope umbilicum, illo prope peripheriam duplicato, sive bipapilloso. — Diam. 0,36, alt. 0,24 mill.» (Th.)

*Helix Tickelli* Theob. in Journ. As. soc. Beng. 1859. XXVIII.  
Nr. 4. p. 306.

Habitat prope Maulmein.

Obs. Peraffinis *H. capessenti* Bens., dentibus duobus exterioribus in unum coalitis praecipue discrepans.

§. 80.

1674. (1232.) **superba** Pfr. (Coll. Nr. 794.) *Acavus* A<sup>2</sup>. 172. — Ceylon. (III. 185.)

1675. (1233.) **Phoenix** Pfr. (Coll. Nr. 795.) *Acavus* A<sup>2</sup>. 172. — *H. Senegalensis* Lam., *melanotragus* var. *Fér.*, *seposita* Zgl. — Ceylon. (III. 194.)

1676. (1234.) **Grevillei** Pfr. (Coll. Nr. 796.) *Acavus* A<sup>2</sup>. 172. — Ceylon. (IV. 195.)

1677. (1235.) **haemastoma** Linn. (Coll. Nr. 797.) *Acavus* A<sup>2</sup>. 172. — *H. haematragus* Born, *acava* Val. — Ceylon. — Var.: *H. melanotragus* Born. (I. 247. IV. 195.)

1678. (1236.) **prospera** Alb. — *Acavus* A<sup>2</sup>. 172. — Ceylon. (IV. 197.)

1679. (1237.) **fastosa** Alb. (Coll. Nr. 798.) *Hel. fastuosa* (*Acavus*) A<sup>2</sup>. 172. — Ceylon. (IV. 197.)

1680. (1238.) **antiqua** Ad. et Rv. — Borneo. (III. 172.)

1681. (1239.) **curta** Sow. — Luzon. (I. 223.)

1682. (1240.) **Montfortiana** Pfr. — *Axina* A<sup>2</sup>. 171. — Ins. Philippin. (I. 224.)

1683. (1241.) **Bruguiereana** Pfr. (Coll. Nr. 799.) *Axina* A<sup>2</sup>. 171. — Ins. Philippin. (I. 224.)

1684. (1242.) **Jonasi** Pfr. (Coll. Nr. 800.) *Cochlostyla Jonasi* (*Helicostyla*) A<sup>2</sup>. 175. — Mindoro. (I. 225.)

1685. (1243.) **dimera** Jon. (Coll. Nr. 801.) *Cochl. dimera* (*Helic.*) A<sup>2</sup>. 175. — Ins. Philippin. (I. 225.)

1686. (1244.) **monticula** Sow. (Coll. Nr. 802.) *Cochl. monticula* (*Helic.*) A<sup>2</sup>. 175. — *Helicostyla* (*Onistia*) *monticola* Mörch in Journ. Conch. XIII. p. 385. — Luzon. (I. 226.)

1687. (1245.) **balteata** Sow. (Coll. Nr. 803.) *Cochl. balteata* (*Helic.*) A<sup>2</sup>. 175. — Luzon. (I. 226.)

1688. (1246.) **annulata Sow.** (Coll. Nr. 804.) *Cochl. annulata* (Helic.)  
A<sup>2</sup>. 175. — Luzon. (I. 227.)  
1689. (1247.) **fenestrata Sow.** (Coll. Nr. 805.) *Cochl. fenestrata* (Helic.)  
A<sup>2</sup>. 175. — Luzon. (I. 227.)  
1690. (1248.) **dimidiata Jan.** † — Amer. merid. (?) (I. 228.)

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1691. **H. myomphala Martens.** †

«Testa dextrorsa, umbilico clauso, depresso conoideo-globosa, oblique striata; lineis spiralibus subtilibus confertis decussata, lutea, fascia castanea peripherica unica picta, regione umbilicari testae concolore; anfr. 6½, vix convexiusculi, lente crescentes, superiores ad peripheriam angulati, ultimus rotundatus, antice vix deflexus; apertura parum obliqua, oblique lunaris, peristoma expansum, album, marginibus distantibus, callo vix conspicuo junctis, supero et basali bene arcuato, columellari ad insertionem reflexo et adnato. — Diam. maj. 43, min. 38, alt. 32; apert. loog. 27, lat. 22 mill.» (v. M.)

*Helix myomphala* Mart. in Monatsber. Berl. Ak. 16 Jan. 1865.  
p. 53.

— — (Camena) Mart. Ostas. Zool. II. p. 29. t. 15.  
f. 6.

— *daimio* Adams mss. in Mus. Cuming.

Habitat prope Nangasaki Japoniae.

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1692. (1249.) **triumphalis Reeve.** † — Habitat? (IV. 198.)  
1693. (1250.) **Salleana Pfr.** — Geotrochus A<sup>2</sup>. 312. — Guatemala.  
(III. 173.)  
1694. (1251.) **collodes Sow.** (Coll. Nr. 806.) *Cochl. collodes* (Helicostyla) A<sup>2</sup>. 175. — Ins. Philippin. (I. 253.)  
1695. (1252.) **amicta Reeve.** — *Cochl. amicta* (Helic.) A<sup>2</sup>. 175. — Ins. Philippin. (III. 173.)  
1696. (1253.) **ignobilis Sow.** (Coll. Nr. 807.) *Cochl. ignobilis* (Helic.) A<sup>2</sup>. 175. — Ins. Philippin. (I. 228.)  
1697. (1254.) **tenera Sow.** (Coll. Nr. 808.) *Cochl. tenera* (Helic.) A<sup>2</sup>. 175. — Ins. Philippin. (I. 228.)  
1698. (1255.) **trigonostoma Pfr.** (Coll. Nr. 809.) Geotrochus A<sup>2</sup>. 312. — Honduras, Guatemala. (I. 229.)  
1699. (1256.) **Dumonti Pfr.** (Coll. Nr. 810.) *H. coniformis* Quoy. — *Cochlostyla Dumonti* (Eudoxus) A<sup>2</sup>. 180. — Mindoro. (I. 229.)  
1700. (1257.) **flexilabris Pfr.** — Geotrochus A<sup>2</sup>. 168. — Ins. Admiralitatis. (IV. 199.)  
1701. (1258.) **coniformis Fér.** — Geotrochus A<sup>2</sup>. 168. — Nova Hibernia. (I. 229.)  
1702. (1259) **Louisiadensis Forb.** — Ins. Louisiadae Australiae. (III. 174.)  
1703. (1260.) **Boivini Pet.** (Coll. Nr. 811.) Geotrochus A<sup>2</sup>. 168. — *H. subrepta* Jacq. — Ins. Salomonis. (Excludatur synonymum: *H. colorata* Mouss. Vid. *H. trochus* Müll.) (I. 230.)

1704. **H. congrua Pfr.**

T. imperforata, trochiformis, solidula, striatula, carnea, fasciis fuscis varie picta; spira subconcavo-conica, apice obtusiuscula; anfr. 6 convexiusculi, ultimus irregulariter inflatus, vix descendens, distinctius costulato-striatus, basi planiusculus, nitidior; apertura diagonalis, subtetragono-ovalis; perist. nigro-castaneum, expansum, extus striga lateritia cinctum, marginibus callo nigricante junctis, dextro dilatato, columellari lato, complanato. — Diam. maj. 29, min. 25, alt. 24 mill. (Mus. Cuming.)

*Helix congrua* Pfr. in Proc. Zool. Soc. 1858. p. 24. t. 40. f. 7. (Malak. Bl. 1859. p. 14.)

Habitat in insulis Admiralitatis (Purchas).

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1705. (1261.) **platystyla Pfr.** — Molucc.? (III. 174.)

1706. (1262.) **conspersula Pfr.** (Coll. Nr. 812.) Leptoloma A<sup>2</sup>. 167. — Jamaica. (I. 230.)

1707. (1263.) **fuscocincta Adams.** (Coll. Nr. 813.) Leptoloma A<sup>2</sup>. 167. — Jamaica. (III. 175.)

1708. (1264.) **subconica Adams.** (Coll. Nr. 814.) Leptoloma A<sup>2</sup>. 167. — Jamaica. — Var.: *H. Gossei* Pfr. (III. 175.)

1709. (1265.) **Jacobensis Adams.** † — Leptoloma A<sup>2</sup>. 167. — Jamaica. (III. 176.)

1710. (1266.) **nemoraloides Adams.** (Coll. Nr. 815.) Coryda A<sup>2</sup>. 136. — Jamaica. (I. 230.)

1711. (1267.) **Gossei Adams.** (Coll. Nr. 816.) Coryda A<sup>2</sup>. 136. — Jamaica. — Var.: *H. pulchrior* Ad. (III. 176.)

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1712. (1268.) **platyodon Pfr.** — Obba A<sup>2</sup>. 159. — Mart. Ostras. Zool. II. p. 50 \*): China. (I. 311.)

(1269. *strobilus* Fér. et 1270. *avellana* Fér. vid. *H. alauda* Fér. Nr. 1974.)

## §. 81.

1713. (1271.) **Moreleti Pfr.** — Axina A<sup>2</sup>. 171. — Ins. Philippin. (III. 177.)

1714. (1272.) **carbonaria Sow.** (Coll. Nr. 817.) Axina A<sup>2</sup>. 171. — Ins. Philippin. (I. 296.)

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\*) «Testa depresse-globosa, obtecte perforata, striatula et minutissime granulata, albida, fasciis fuscis 4 et maculis albis guttaeformibus vel fulminiformibus picta; spira conoidea, obtusa; anfr. 5½, vix convexiusculi, ultimus rotundatus, antice valde deflexus; apertura valde obliqua, semi-elliptico-oblonga; peristoma incrassatum, reflexum, album, multiplex, marginibus callo saepe valde tenui junctis, columellari subhorizontali, obtuse unidentato, ad insertionem dilatato. — Diam. maj. 26½, min. 22, alt. 18; apert. long. 16½, alt. 12 mill.» (v. M.)

1715. (1273.) **magistra Pfr.** — Ins. Philippin. (III. 478.)  
 1716. (1274.) **Dupuyana Pfr.** — Merope *A*<sup>2</sup>. 458. — Nova Hollandia. (III. 477.)  
 1717. (1275.) **Lambei Pfr.** (Coll. Nr. 848.) Proc. Zool. Soc. 1856. t. 36. f. 6. 7. — *Geotrochus A*<sup>2</sup>. 468. — Ins. Admiralitatis. (IV. 200.)  
 1718. (1276.) **Boyeri Fisch.** et **Bern.** — Diam. maj. 29, min. 23½, alt. 23 mill. — Habitat in insulis Louisiadis (Angas). (IV. 204.)

1719. **H. lactiflua Pfr.**

T. imperforata, globoso-trochiformis, tenuis, leviter striata, alabastrina, strigis filiformibus, lacteis fere obducta; spira turbinata, vertice obtuso; anfr. 4 convexi, ultimus non descendens, infra medium subcarinatus et fascia opaca cretacea cinctus; apertura fere diagonalis, rhombeo-lunaris; perist. album, undique expansum et reflexiusculum, margine supero antrorsum flexuoso, columellari valde dilatato, adnato, intus angulatim descendente. — Diam. maj. 24½, min. 20, alt. 17 mill. (Mus. Cuming.)

*Helix lactiflua Pfr.* in Proc. Zool. Soc. 1864. p. 490; Novit. conch. p. 175. Nr. 276. t. 47. f. 7. 8.

Habitat in Nova Georgia (Macgillivray).

1720. **H. Isabellensis Souverbie.**

T. imperforata, globoso-turbinata, tenuis, oblique leviter striata, alabastrina; spira turbinata, apice obtuso; anfr. 4 modice convexi, ultimus vix descendens, infra medium subcarinatus et fascia opaca cretacea cinctus; apertura fere diagonalis, rotundato-lunaris; perist. album, tenue, margine supero expanso, ad insertionem sinuoso, basali rectangule patente, columellari verticali, perdilatato, sulco longitudinali munito, superne adnato. — Diam. maj. 22, min. 19, alt. 18 mill. (Mus. Burdigal. et Coll. Nr. 849.)

*Helix Isabellensis Souv.* in Journ. Conch. XI. 1863. p. 74. 173. t. 5. f. 4.

Habitat in insula Isabelle Archipelagi Salomonis.

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1721. (1277.) **vexillaris Pfr.** — Novit. conch. p. 409. — Haman Island. (IV. 204.)  
 1722. (1278.) **phthisica Pfr.** (Coll. Nr. 820.) *Pfr.* Novit. conch. p. 140. — *Geotrochus A*<sup>2</sup>. 468. — Ins. Admiralitatis. (IV. 204.)  
 1723. (1279.) **Gaberti Less.** — *Geotrochus Gaberti Wallace* in Proc. Zool. Soc. 1865. p. 412: Batchian. — Nova Guinea, Nova Hibernia. (I. 234.)  
 1724. (1280.) **purpurascens Pfr.** — Hadra *A*<sup>2</sup>. 466. — Korea. (IV. 202.)  
 1725. (1281.) **decora Ad.** et **Rv.** — *Cochlostyla decora* (Helicostyla) *A*<sup>2</sup>. 475. — Mindoro. (III. 478.)

1726. (1282.) **fringilla Pfr.** (Coll. Nr. 821.) Merope A<sup>2</sup>. 158. — Ins. Admiralitatis. (IV. 202.)

1727. **H. Woodlarkiana Souverbie. †**

« Testa imperforata, semiglobosa, oblique striata, tenuissime granuloso-malleata, hic illic obsoletissime spiraliter striata, tenuiuscula, nitidula, subtranslucida, subviolascens, apice violacea; fasciis 4 albis, tribus superioribus plus minusve interruptis et fuscis, quarta latiore, integra ad peripheriam ornata; area periomphali pallidiore, fasciis tribus albis, minimis, subevanidis circumdata; anfr. 4 convexi, sutura impressa, ultimus carinatus, subtus convexior, antice parum descendens, pone labrum albo-flavidulum subconstrictus; apert. intus concolor fasciis perlucetibus, obliqua, subrhombeo-lunaris; perist. acutum, album, margine supero antice arcuato et subreflexo, postea usque ad columellarem subrosaceo-violaceum reflexe dilatato, columellari subito reflexe appresso. — Lat. maj. 19<sup>1</sup>/<sub>2</sub>, min. 15, alt. 14<sup>1</sup>/<sub>2</sub> mill. » (S.)

*Helix Woodlarkiana* Souv. in Journ. Conch. XI. 1863. p. 76.

172. t. 5. f. 2.

Habitat in insula Woodlark Louisiadarum.

§. 82.

1728. (1283) **Richmondiana Pfr.** (Coll. Nr. 822.) Thersites A<sup>2</sup>. 158. — Australia. (III. 178.)

1729. **H. testudo Pfr.**

T. imperforata, trochiformis, solidula, striata et rugulis obliquis decussata, pallide isabellina, maculis et flammis fuscis picta; spira conoidea, acutiuscula; sutura carinato-marginata; anfr. 5 convexiusculi, regulariter accrescentes, ultimus acute carinatus, superne tumidus, antice vix deflexus, basi subplanulatus; apertura perobliqua, rhombeo-lunaris; perist. albidum, margine supero expanso, basali reflexo, columellari lato, plano, adnato. — Diam. maj. 35, min. 28, alt. 17 mill. (Mus. Cuming.)

*Helix testudo* Pfr. in Proc. Zool. Soc. 1858. p. 21. t. 40. f. 6.

(Malak. Bl. 1859. p. 14.)

Habitat in insula Madagascar.

1730. **H. Purchasi Pfr.**

T. imperforata, globoso-depressa, tenuissima, confertissime plicatula et sub lente subdecussata, aeneo-micans, pellucida, pallide cornea; spira breviter conoidea, obtusa; sutura marginata; anfr. vix 3<sup>1</sup>/<sub>2</sub> planiusculi, rapide accrescentes, ultimus

non descendens, medio carina compressa, acuta, alba munitus, subtus inflatus, basi gibbosus; apertura ampla, obliqua, late angulato-lunaris; perist. tenue, breviter reflexum, margine columellari arcuato, compresso, subcalloso, juxta foveam centalem non dilatato. — Diam. maj. 23, min.  $17\frac{1}{2}$ , alt.  $13\frac{2}{3}$  mill. (Mus. Cuming.)

*Helix Purchasi* Pfr. in Proc. Zool. Soc. 1858. p. 21. t. 40. f. 4. (Malak. Bl. 1859. p. 25.)

Habitat in insulis Admiralitatis. (Dr. Purchas.)

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1731. (1284.) **opalina Sow.** (Coll. Nr. 823.) *Cochlostyla opalina* (Phengus) A<sup>2</sup>. 180. — Luzon. (I. 231.)

1732. (1285.) **H. Férussaci Lesson.**

T. imperforata, trochiformis, solidula, oblique subtiliter striatula, castanea vel cinnamomea cum fascia castanea infrasuturali et fascia lutescente carinali, ad spiram ascendente ornata; spira convexiusculo-conica, vertice obtuso; anfr. 7, summi convexi, reliqui plani, ultimus acute carinatus, antice non descendens, basi parum convexus, saturate castaneus; apertura perobliqua, depresso subrhombea; perist. tenuiusculum, margine supero expanso, ad carinam flexuoso, basali subdilatato, reflexo. — Diam. maj. 23, min. 19, alt. 20 mill. (Mus. Cuming.)

*Helix Férussaci* Less., Pfr. Mon. Helic. IV. p. 203.

— — Pfr. Novit. conch. p. 212. Nr. 314. t. 56. f. 7 — 9.

*Geotrochus Férussaci* Wallace in Proc. Zool. Soc. 1865. p. 412. Habitat in parte septentrionali Novae Guineae (Wallace).

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1733. (1286.) **rhombostoma Pfr.** — Habitat? (I. 231.)

1734. (1287.) **lonchostoma Menke.** (Coll. Nr. 824.) *Geotrochus* A<sup>2</sup>. 168. — Brasilia. (I. 232.)

1735. (1288.) **bifasciata Burr.** (Coll. Nr. 825.) *Geotrochus* A<sup>2</sup>. 168. — *H. pyramidella* Wagn., *Bosciana* Fér., *Blanchetiana* Moric. — Brasilia. (I. 232.)

1736. **H. Wrighti Gundlach.**

T. imperforata, trochiformis, carinata, tenuiuscula, liris elevatis spiralibus confertis, interstitia subaequantibus sculpta, haud nitens, fusca, linea 1 rufa carinali cincta; spira conica, vertice obtusiusculo; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus antice vix descendens, medio carinatus (carina antice fere evanescente), basi modice convexus, antice tumidulus; apertura diagonalis,



oblongo-lunaris; perist. carneo-albidum, marginibus vix convergentibus, supero curvato, breviter expanso, basali reflexo, appresso. — Diam. maj. 21, min. 18, alt. 13 mill. (Coll. Gundl.)

*Helix Wrighti* Gundl. mss.; *Pfr.* in Malak. Bl. XII. 1865. p. 118.

— — *Pfr.* Novit. conch. Fasc. XXIII. p. 270. Nr. 382. t. 67. f. 6—8.

Habitat in parte occidentali insulae Cubae.

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1737. (1289.) **cineracea Jacq.** — *Geotrochus* A<sup>2</sup>. 168. — Haman Island. (IV. 203.)

1738. (1290.) **helicinoides Jacq.** (Coll. Nr. 826.) *Geotrochus* A<sup>2</sup>. 168. — Ins. Salomonis. (III. 204.)

1739. (1291.) **Cleryi Recl.** (Coll. Nr. 827.) *H. helicinoides* Reeve pt. — Ins. Salomonis. — Var.  $\delta$ . Minor, anfractu ultimo infra penultimum recedente; diam. maj. 12, min. 11, alt. 9 mill. (Nova Georgia.) (III. 179. 644.)

1740. (1292.) **dermatina Shuttl.** — *Polydontes* A<sup>2</sup>. 148. — Portorico. (IV. 204.)

1741. (1293.) **vitracea Fér.** † — Nova Hollandia? (Beck.) (I. 233.) — Conf. *H. japonica* *Pfr.* Nr. 2156.

1742. (1294.) **gyrina Val.** — Brasilia. (III. 180. IV. 204.)

1743. (1295.) **Eva Pfr.** (Coll. Nr. 828.) *Geotrochus* A<sup>2</sup>. 168. — Novae Hebridae. —  $\beta$ . Major, minus elata, carnea, apice cornea; diam. maj. 16½, min. 15, alt. 9 mill. (Nova Caledonia.) (III. 180.)

1744. (1296.) **pyxis Hinds.** (Coll. Nr. 829.) *Geotrochus* A<sup>2</sup>. 168. — Nova Hibernia. (III. 180.)

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1745. (1297.) **Tayloriana Ad. et Rv.** † Habitat? (III. 181.)

### §. 83.

1746. (1298.) **Jamaicensis Chemn.** (Coll. Nr. 830.) *Liochila* A<sup>2</sup>. 147. — *H. pulla* Gmel. — Jamaica. (I. 17.)

1747. (1299.) **gloriosa Pfr.** — *Helicophanta* A<sup>2</sup>. 149. — Madagascar. (IV. 205.)

1748. (1300.) **magnifica Fér.** (Coll. Nr. 831.) *Helicophanta* A<sup>2</sup>. 149. — *H. polyzonalis* Lam. — Madagascar. (I. 17.)

1749. (1301.) **Goudotiana Fér.** (Coll. Nr. 832.) *Helicophanta* A<sup>2</sup>. 149. — Madagascar. (I. 18.)

1750. (1302.) **oviformis Grat.** — *Helicophanta* A<sup>2</sup>. 149. — *H. amphibulima* Fér. — Madagascar. (I. 18.)

1751. (1303.) **echinophora Fér.** † — *Helicophanta* A<sup>2</sup>. 149. — Madagascar. (III. 37.)

### §. 84.

1752. (1304.) **sarcinosa Fér.** (Coll. Nr. 833.) *Callicochlias* A<sup>2</sup>. 173. — Philippin. (I. 244.)

1753. (1305.) **turgens Desh.** (Coll. Nr. 834.) *Callicochlias* A<sup>2</sup>. 173. —

- Helicostyla* (*Helicobulimus*) *turgidus* Mörch in Journ. Conch. XIII. p. 385. — Philippin. (III. 170.)
1754. (1306.) **turbo Pfr.** (Coll. Nr. 835.) *Cochlostyla turbo* (*Cochlodryas*) A<sup>2</sup>. 176. — Philippin. (I. 220.)
1755. (1307.) **Seckendorffiana Pfr.** — *Cochlost. Seckendorffiana* (*Helicostyla*) A<sup>2</sup>. 175. — Philippin. (I. 220.)
1756. (1308.) **cinerascens Pfr.** — *Cochlost. cinerascens* (*Cochlodryas*) A<sup>2</sup>. 176. — Philippin. (I. 220.)
1757. (1309.) **mirabilis Fér.** (Coll. Nr. 836.) *H. galactites* Lam., *formosa* Wood, *persimilis* Desh. — *Cochlost. mirabilis* (*Helicostyla*) A<sup>2</sup>. 175. — Mart. Ostrac. Zool. II. p. 89. — Philippin. (I. 220.)
1758. (1310.) **fulgens Sow.** (Coll. Nr. 837.) *Cochl. fulgens* (*Helic.*) A<sup>2</sup>. 175. — Philippin. (I. 224.)
1759. (1311.) **lacera Pfr.** — *Cochl. lacera* (*Helic.*) A<sup>2</sup>. 175. — Philippin. (IV. 206.)

1760. **H. halichlora O. Semper. †**

«Testa laevis, fragilis, nitida, e viride albicans, lineis impressis tenerrimis, remotis sculpta, imperforata, conoideo-pyramidata, subtiliter retrorsum striolata; spira pyramidalis, apice obtuso; anfr. 5½ subplanulati, sutura laevi substriolata; ultimus dimidiae altitudinis paulo major, non descendens, ad peripheriam regulariter rotundatus; apertura lunato-orbicularis; peristoma undique regulariter subincrassatum, reflexiusculum; columella stricta, planata, fere perpendicularis. — Alt. 37, lat. 34 mill.» (S.)

*Cochlostyla* (*Corasia*) *halichlora* O. Semp. in Journ. Conch. XIV. 1866. p. 263. t. 8. f. 1.

Habitat Calayan insulae Luzon (Dr. C. Semper).

Obs. Ad hanc sectionem referendae sunt varietates nonnullae *Helicis Polillensis* Pfr. Nr. 1805.

§. 85.

1761. (1312.) **colossea Pfr.** — *Callicochlias* A<sup>2</sup>. 173. — *H. grandis* Pfr. Mon. I. p. 242. — *H. Carolus* Desh. in Journ. Conch. IX. 1864. p. 348. \*) t. 16. f. 1. 2. — *Cochlostyla grandis* Dohrn in Malak. Bl. IX. 1862. p. 244. — Philippin.

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\*) «H. testa magna, conico-turbinata, ad peripheriam obtusissime angulata, subtus plano-convexa; spira apice obtusissima; anfractibus septenis, sensim crescentibus, sutura lineari junctis, convexiusculis; ultimo hyevi ad aperturam paulo deflexo; primis albidis, caeteris sub epidermide rufidrophana lutescente, diversimodo transversim fasciata et taeniata, proinde castaneis; apertura obliqua, lunato-subquadrata; intus albo-violascente; columella recta, brevi, lata, concaviuscula, violaceo tincta; marginibus incrassatis, paulo reflexis, atro-violaceo marginatis. — Alt. 62, diam. max. 60 mill. — In parte septentrionali insulae Luzon legit C. Semper.» Desh. l. c.)

1762. (1313.) **Studeriana Fér.** (Coll. Nr. 838.) Stylodon A<sup>2</sup>. 150. —  
Ins. Sechell. (I. 243.)

1763. **H. Bougainvillei Pfr.**

T. imperforata, globoso - conoidea, solidiuscula, striatula, irregulariter malleata et sulcis nonnullis spiralibus notata, nitida, saturate castanea; spira conoidea, vertice subtili, obtusulo; sutura pallide marginata; anfr. 5 modice convexi, regulariter accrescentes, ultimus rotundatus, peripheria obtuse angulatus; columella lata, oblique substrictè descendens; apertura diagonalis, rotundato-lunaris, intus nitide coerulescens; perist. albo-callosum, breviter expansum, marginibus callo crassiusculo junctis, dextro regulariter arcuato. — Diam. maj. 62<sup>1</sup>/<sub>2</sub>, min. 51, alt. 39 mill. (Mus. Cuming.)

*Helix Bougainvillei* Pfr. in Proc. Zool. Soc. 1860. p. 133. t. 50.  
f. 7; Malak. Bl. 1860. p. 235.

— *Angasiana Newc.* in Ann. Lyc. N.-York VII. (May 1860)  
p. 283. \*)

Habitat Bougainville-Island.

1764. **H. illustris Pfr.**

T. imperforata, globoso-turbinata, solida, oblique et transverse irregulariter malleato - rugosa, nitidula, castanea; spira convexo-turbinata, vertice obtuso; anfr. 5 convexiusculi, regulariter accrescentes, ultimus utrinque convexior, medio obtuse angulatus, antice vix descendens; columella subverticalis, brevis, fornicato - dilatata, lilaceo-carnea; apertura obliqua, subtriangulari - lunaris, intus margaritacea; perist. expansum et reflexiusculum, lilaceo-carneum, marginibus callo nitido lilacino junctis. — Diam. maj. 62, min. 52, alt. 35 mill. (Coll. Nr. 839.)

β. Fulvo-lutescens, fascia una mediana castanea ornata, perist. carneo-albido; diam. maj. 63, min. 51, alt. 37 mill.

*Helix illustris* Pfr. in Proc. Zool. Soc. 1862. p. 269. t. 36. f. 8.

— — Pfr. Novit. conch. p. 208. Nr. 309. t. 55. f. 1. 2.

Var. f. 3.

Habitat «Lao Mountains» Cambojae (Mouhot).

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\*) «T. imperforata, globoso-depressa, solida, malleata, rufo-brunnea, epidermide aureolo-tincta; spira brevi, obtusa; anfr. 5 planiusculis, sensim accrescentibus, ultimo ad peripheriam obsolete carinato; sutura valde impressa, non marginata; apertura rotundato-lunari, intus alba; peristomate reflexo; marginibus callo tenui junctis; columellari calloso, dilatato, adnato. — Diam. maj. 60, min. 48, alt. 34 mill. Apert. 26 mill. longa, 27 lata.» (N.)

1765. (1314.) **turbinoides Brod.** (Coll. Nr. 840.) *Callicochlias* A<sup>2</sup>. 173.  
— *Cochlostyla turbinoides* (Orthostylus) Mart. Ostas. Zool. II.  
p. 96. — Philippin. (I. 243.)
1766. (1315.) **bembicodes Pfr.** — *Cochlost. bembicodes* (Helicostyla)  
A<sup>2</sup>. 175. — Philippin. (III. 171.)
1767. (1316.) **generalis Pfr.** — Philippin. (IV. 206.)
1768. (1317.) **Pan Brod.** (Coll. Nr. 841.) *Callicochlias* A<sup>2</sup>. 173. — Phi-  
lippin. (I. 245.)
1769. (1318.) **semirufa Alb.** † — *Callicochlias* A<sup>2</sup>. 173. — Ins. Feejee.  
(?) (III. 186.)
1770. (1319.) **Mindanaensis Sow.** (Coll. Nr. 842.) *Callicochlias* A<sup>2</sup>.  
173. — Mindanao. (I. 245.)
1771. (1320.) **chlorochroa Sow.** (Coll. Nr. 843.) *Callicochlias* A<sup>2</sup>. 173.  
— Philippin. (I. 246.)
1772. (1321.) **Fraseri Gray.** (Coll. Nr. 844.) *Cochlostyla Fraseri* (Phoe-  
nicobius) A<sup>2</sup>. 177 (?) — Australia. (I. 246.)

1773. **H. Coxi Crosse.** †

«Hel. testa imperforata, globoso-conica, solida, cereo-flavida, levi, tenuiter radiatim striata, lineis rubro-castaneis cingulata; spira obtusa; anfractibus septem, convexiusculis, ultimo ceteros majus quam aequante; apertura perobliqua, ovato-lunari; peristomate modice incrassato, expansoque, marginibus paulo conniventibus, ut lamina vitrea junctis, albo-porcellano, margine columellari supra externe dilatato. — Diam. maj. 4,60, min. 4,30, alt. 4,45 unc.» (Cox.)

*Helix Forbesii Cox* in Proc. Zool. Soc. 1864. p. 40 c. ic.  
(Non Pfr.)

— *cerea Cox* Catal. Austr. landsh. 1864. p. 36. (Non Gould.)

— *Coxi Crosse* in Journ. Conch. XIV. 1866. p. 195.

Habitat «Port-Denison» Queensland.

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1774. (1322.) **coarctata Fér.** † — Habitat? (III. 185.)

1775. **H. Novoguineensis Pfr.**

T. imperforata, globoso-turbinata, solida, sublaevigata, nitida, pallide fulvida, fascia suturali alba, fasciis pluribus latis nigro-castaneis et area lata castanea ornata; spira fornicato-conoidea, vertice acuto; anfr. 5½ convexiusculi, ultimus antice vix descendens, substriatus, basi subangustatus; columella arcuata, dentiformi-truncata; apertura perobliqua, truncato-ovalis; perist. album, marginibus callo pellucido junctis, expansis et reflexis, supero subsinuoso, columellari supra regionem umbilicalem valde dilatato, adnato. — Diam. maj. 44, min. 34, alt. 26 mill. (Mus. Cuming.)

β. Paulo minor, unicolor alabastrina, fascia unica suturali cretacea.

γ. Minor (diam. maj. 34, min. 29, alt. 25 mill.), alba, fasciis nonnullis latis pluribusque angustis castaneis ornata.

*Helix Novoguineensis* Pfr. in Proc. Zool. Soc. 1862. p. 270;  
Novit. conch. p. 240. Nr. 342. t. 56. t. 1. 2.

Var. β: f. 3, var. γ: f. 4.

*Papuina Novoguineensis* Wallace in Proc. Zool. Soc. 1865.  
p. 444.

Habitat in parte septentrionali insulae Novae Guineae (Wallace).

Obs. Peraffinis videtur *H. coarctatae* Fér. t. 40 B. f. 6. 7, sed differt spira acuminata, anfractu ultimo non inflato nec strangulato.

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1776. (1323.) **Audebardi** Pfr. (Coll. Nr. 845.) Eurycratera A<sup>2</sup>. 447. — Haiti. (III. 186.)

1777. (1324.) **Luquillensis** Shuttl. (Coll. Nr. 846.) *Hel. luquillensis* (Polydontes) A<sup>2</sup>. 448. — Portorico. (IV. 207.)

1778. (1325.) **solida** Pfr. — Mindoro. (III. 187.)

1779. (1326.) **aspersa** Müll. (Coll. Nr. 847.) *Drouët* Moll. Guyan. p. 55: Cayenne in hortis et sylvis. — *H. grisea* Linn. Mus. teste Hanley Ips. Linn. Conch. p. 378. — *H. variegata* Gmel., *hortensis* Penn., *Fluminensis* Lang, *lucorum* Pult., *secunda* Costa. — *H. adpersa* (Pomatia) A<sup>2</sup>. 440. — *Pomatia aspersa* Mörch in Journ. Conch. XIII. p. 390. — Regio mediterranea, ins. Azor., Cuba, Brasilia. (I. 241.)

#### 1780. **H. spumosa** Lowe. †

«T. imperforata transverse v. oblique oblonga naticoidea ruguloso-malleata praetenuis fulvo v. furvo-flavescens, fasciis 4 inaequalibus fusco-nigrescentibus subinterruptis aliquando evanidis flavo-reticulata; spira brevissima conoideo-obtusa parvula tertiam fere partem totius longitudinis aequante, anfr. 4 convexis, ultimo maximo transverse oblongo antice leviter descendente; apert. oblique ovali deorsum producta effusa (cet. fere ut in *aspersa* Müll.) — Diam. maj. 30—32, min. 15—16, alt. 30, spirae alt. 10—12 mill.» (L.)

*Helix spumosa* Lowe in Ann. and Mag. n. h. 3d. ser. VII.  
1864. p. 444.

Habitat in insula Palma inter villam St. Crucem et La Banda.

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1781. (1327.) **Mazzullii** Jan. (Coll. Nr. 848.) *Pomatia* A<sup>2</sup>. 440. — *H. Mazzulii* Bourg. in Rev. et Mag. Zool. 1860. p. 65.\*) t. 6.

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\*) «Testa imperforata, globoso-conica, tenui, flavida, eleganter striata; spira contorta, apice obtuso; anfractibus 4 convexiusculis, celeriter crescentibus; ultimo magno, inflato, ad aperturam descendente; apertura obliqua, ampla, fere circulari; peristomate simplice, paululum reflexiusculo; marginibus approximatis callo nitido junctis. — Alt. 30—40, diam. 28—35 mill.» (Bourg.)

- f. 1—3. — *H. retirugis* Menke, Fisch. in Journ. Conch. VI. p. 26.  
 — *H. crispata* Costa, rugosa Mlf. — *H. Costae* Benoit Ill. test.  
 estr. Sicil. Fasc. 2. p. 72. t. 1. f. 10 A. B. (1857.) — β. Testa  
 magis conica: *H. Quinciensis* Maud. Tabl. moll. dép. Vienne  
 p. 53. t. 11. f. 6. 7. (1839.) — *H. Costae* var. *Benoit* l. c. f. 10  
 C. D. — *H. Quincayensis* Bourg. l. c. p. 68.\*) t. 6. f. 4—6.  
 (Habitat in Sicilia, nec prope Quincay.) (I. 242.)
1782. (1328.) **subplicata** Sow. (Coll. Nr. 849.) Pomatia A<sup>2</sup>. 140. —  
 Portosancto. (I. 24.)
1783. (1329.) **mandarina** Gray. (Coll. Nr. 850.) Hadra A<sup>2</sup>. 165. — Ins.  
 Liukiu. (Mart. Ostas. Zool. II. p. 59.) (I. 255.)

1784. **H. MacLeayi** Cox. †

«Hel. testa imperforata, depresso-globosa, tenuiuscula, opaca, levi, obsoletissime oblique striata, fascia accrescente porphyracea circumdata, ad os indistincta; spira conoidea, obtusa, anfractibus quinque, vix convexiusculis, ultimo rotundato, apertura lunato-ovata, peristomate recto, undique reflexo, intus atro-porphyraceo. — Diam. maj. 1,12, min. 1,00, alt. 0,80 unc.» (C.)

*Helix MacLeayi* Cox in Proc. Zool. Soc. 1864. p. 486 c. ic.,  
 Catal. Austr. landsh. 1864. p. 36.

Habitat «Port Denison» Queensland (Masters).

1785. **H. monacha** Pfr.

T. imperforata, globoso-conica, solida, rugoso-striata et sub lente minute granulata, castanea; spira conoideo-elevata, obtusula; anfr. 5½ modice convexi, lente accrescentes, ultimus antice vix descendens, medio obsolete subangulatus; apertura fere diagonalis, rotundato-lunaris, intus livida, nitida; perist. carneum, undique breviter expansum, marginibus remotis, columellari ad insertionem in laminam triangularem, adnatam dilatato. — Diam. maj. 27, min. 23, alt. 19 mill. (Mus. Cuming.)

*Helix monacha* Pfr. in Proc. Zool. Soc. 1859. p. 25. t. 43.  
 f. 7. (Malak. Bl. 1859. p. 25.)

Habitat in Australia.

Obs. Similis *H. coriariae*, differt spira elevata, peristomatis margine dextro expanso, etc.

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\*) «Testa imperforata, conica, tenui, subpellucida, uniformiter sordide lutescente, rugoso-plicata, rugis elevatis, appressis, et saepe inter se reticulatis, ornata; spira elevata, conica; apice obtuso, quasi mammillato, levi; anfractibus 4 convexis, celeriter crescentibus, sutura valde perspicua separatis; ultimo magno, rotundato, ad aperturam valde descendente; apertura obliqua, circulari; peristomate simplice, albidulo, paululum incrassato ac reflexiusculo; marginibus valde approximatis, callo albidio junctis. — Alt. 25—35, diam. 22—28 mill.» (Bourg.)



1786. **H. Welwitschi Morelet.** †

«T. imperforata, rarius subperforata, globoso-conoidea, solida, strigis incrementi lineisque spiralibus, fortioribus, confer-tim granulato-decussata, saturate castanea; spira conoideo-rotunda, apice obtusa; anfr.  $5\frac{1}{2}$ , priores parum convexi, plane marginati, ultimus peripheria perumque angulatus vel carina filari munitus, subtus planulatus, antice breviter descendens; apertura perobliqua, rhombeo-lunaris, intus violaceo-fusca et margaritacea; perist. crassum, carneum, margine columellari tuberculoso, cum altero angulo emarginato juncto. — Diam. maj. 24, min. 18, alt. 15 mill.» (M.)

*Helix Welwitschi Morelet* in Journ. Conch. XIV. 1866. p. 153. Habitat in insula San-Thomé sinus Guineensis (Dr. Welwitsch).

1787. **H. subtussulcata Wright.**

T. imperforata, conoideo-semiglobosa, solida, striis incrementi et liris spiralibus tenuibus decussatula, pallide fulva, fasciis 3 castaneis ornata; spira convexa, vertice minuto; anfr. 6 convexiusculi, penultimus carinatus, ultimus latere aperturæ opposito compressus et subtus fossa profunda arcuata notatus; apertura perobliqua, rotundato-lunaris; perist. callosum, carneum, breviter reflexum, margine columellari lato, vix arcuato, declivi. — Diam. maj. 35, min. 31, alt. 22 mill. (Coll. Nr. 854.)

β. Minor, spira elevatiore; diam. maj. 28, min. 25, alt. 20 mill.

*Helix subtussulcata Wright* mss., teste *Gundl.* in litt.

— — *Pfr.* in Malak. Bl. X. 1863. p. 199; XI. 1864. p. 124; Novit. conch. p. 235. Nr. 338. t. 61. f. 4 — 3.

Habitat in parte occidentali insulae Cubae (Wright).

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1788. (1330.) **Parraiana Orb.** (Coll. Nr. 852.) *Thelidomus* A<sup>2</sup>. 144. — Cuba. (I. 227.)

1789. **H. Mitchellae Cox.** †

«Hel. testa imperforata, subgloboso-turbinata, oblique concentrice striata, sub lente minute granulata; intense castanea, duabus lineis nigris, et duabus luteis fasciata; spira elevata; anfractibus septem convexiusculis, ultimo angulato; apertura obliqua, transversim-ovali, labro reflexo, intus intense lilacea, marginibus callo junctis. — Diam. maj. 4,056, min. 4,050, alt. 4,045 unc.» (C.)

*Helix Mitchellae* Cox Catal. Austr. landsh. 1864. p. 19.  
Habitat « Clarence River » Australiae.

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1790. (1331.) **Sicana Fér.** (Coll. Nr. 853.) *Macularia* A<sup>2</sup>. 133. — Sicilia. (I. 282.)  
1791. (1332.) **platychela Menke.** (Coll. Nr. 854.) *Macularia* A<sup>2</sup>. 133.  
— Sicilia. — Var.: *H. spuria* Ben. (I. 282.)

1792. **H. Rosalia Benoit.** †

« Testa imperforata, conoideo-globosa, oblique-striata, striis spiralibus subtilioribus decussata, sparsim malleata, albida, fasciis 4 interruptis flavofuscis; anfr.  $5\frac{1}{2}$ , superiores vix convexi, ultimus antice valde deflexus; apertura perobliqua, truncato-rotundata; peristoma late reflexum, albo-sublabiatum, margine columellari *calloso*, gibbo, macula umbilicali flavofusca. — Diam. maj. 28, min. 23, alt. 16 mill. » (v. M.)

*Helix Rosalia (Macularia) Benoit, Mart.* in Alb. Helic. ed. II.  
1860. p. 134.

Habitat in Sicilia.

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1793. (1333.) **Undina Pfr.** — Habitat? (IV. 208.)  
1794. (1334.) **acuminata Pfr.** (Coll. Nr. 855.) Haiti. (III. 190.)

§. 86.

1795. (1335.) **granulata Quoy.** (Coll. Nr. 856.) *Dorcasia* A<sup>2</sup>. 107. — *Albersia granulata* H. Adams in Proc. Zool. Soc. 1865. p. 410.  
— Var.: Saturate nigro-fusca, fascia vix obscuriore, epidermide setis brevibus obsita; spira paulo elatiore; perist. lilaceo, latiuscule expanso et revoluta; diam. maj. 50, min. 39, alt. 33 mill. (Mus. Cuming.) — Nova Guinea. (I. 233.)

1796. **H. Banneri Macgillivray.**

T. clause umbilicata, turbinato-globosa, tenuiuscula, oblique irregulariter striata et confertim pustulosa, fulva, fascia 4 lutescente prope suturam ornata; spira breviter turbinata, vertice acutiusculo; anfr.  $4\frac{1}{2}$  convexi, ultimus ventrosus, antice profunde descendens; columella leviter arcuata, sinuosa; apertura fere diagonalis, lunari-rotundata, intus submargaritacea; perist. tenue, breviter expansum, vix reflexum, marginibus convergentibus, callo tenui junctis, columellari perdilatato, fornicatim reflexo, adnato. — Diam. maj. 44, min. 33, alt. 34 mill. (Mus. Cuming.)

*Helix Banneri Macgill.* mss.; *Pfr.* in Proc. Zool. Soc. 1862.  
p. 270.

*Helix Banneri* Pfr. Novit. conch. p. 213. Nr. 345. t. 56.  
f. 10. 11.

Habitat «Cape Direction» Australiae.

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1797. (1336.) **undulata Fér.** (Coll. Nr. 857.) Eurycratera A<sup>2</sup>. 147. —  
*H. lineolata* Lam. — Haiti. (I. 240.)

1798. (1337.) **hemisphaerion Pfr.** — Hadra A<sup>2</sup>. 166. — Philippin.  
(III. 186.)

1799. (1338.) **melanocheila Val.** (Coll. Nr. 858.) Callicochlias A<sup>2</sup>. 173.  
— *H. brunnea* Sow. — Philippin. (I. 248.)

1800. (1339.) **chrysocheila Sow.** (Coll. Nr. 859.) Callicochlias A<sup>2</sup>. 172.  
— Philippin. (I. 248.)

1801. (1340.) **princeps Reeve.** (Coll. Nr. 860.) Callicochlias A<sup>2</sup>. 172.  
— Philippin. (IV. 209.)

### 1802. **H. pubicepa Martens.** †

«Testa imperforata, subglobosa, tenuis, striatula, pilis brevibus quincunciatim dispositis pubescens, fuscocornea, fascia peripherica rufa, utrinque pallidelimbata cincta; spira convexa, anfr. 5, ultimus ad aperturam sat descendens, inflatus; columella parum oblique descendens, callosa, angulum distinctum subrectum cum margine basali efficiens; apertura parum obliqua, lunato-rotundata; peristoma tenue, reflexum, rufescens. — Diam. maj. 36, min. 28, alt. 20½, apert. alt. et lat. 24 mill.»  
(v. M.)

*Cochlostyla pubicepa* Mart. in Monatsber. Berl. Ak. 18 Apr.  
1864. p. 269.

*Helix pubicepa* (Albersia) Mart. Ostas. Zool. II. p. 329. t. 18.  
f. 2. Conf. Malak. Bl. 1863. p. 117.

Habitat in insulis Halmahera et Batjan.

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1803. (1341.) **Roissyana Fér.** (Coll. Nr. 861.) *Cochlost. Roissyana*  
(*Helicostyla*) A<sup>2</sup>. 175. — *Axina* Mart. Ostas. Zool. II. p. 96. —  
Philippin. (I. 249.)

1804. (1342.) **pulcherrima Sow.** (Coll. Nr. 862.) Callicochlias A<sup>2</sup>.  
172. — *H. festiva* Mörch. — Philippin. (I. 250.)

### 1805. **H. Polillensis Pfr.**

T. variabilis, imperforata, ovato-vel globoso-conoidea, solida, striata, castanea vel lutea, epidermide hydrophana alba varie strigata, fasciata vel reticulata; spira convexo-conoidea, vertice obtusulo; anfr. circa 5 modice convexi, summi pallidi, interdum castaneo-unifasciati, ultimus magis minusve inflatus, antice non descendens; columella subdeclivis, parum arcuata, compressa, interdum excavata, lata, candida; apertura obliqua, lunato-ovalis, intus coerulescenti-albida, margaritacea; perist. album vel pallide rubens, breviter incrassato-expansum, mar-

ginibus convergentibus, dextro subflexuoso. — Diam. maj. 47, min. 38, alt. 38 mill. (Coll. Nr. 863.)

*Helix Polillensis* Pfr. in Proc. Zool. Soc. 1864. p. 190. Conf.

*Dohrn* in Malak. Bl. IX. p. 243.

— — Pfr. Novit. conch. p. 233. Nr. 337. t. 60. f. 1. 2.

β. Testa tenuiuscula, lutea, albo-strigata, fascia unica suturali et area basali castaneis ornata (Novit. f. 4. 5) vel subunicolor fulvescens, apice pallida (f. 6).

*Helix Portei* Pfr. in Proc. Zool. Soc. 1864. p. 191.

γ. Testa conoideo-globosa, solidula, nigricans, epidermide alba reticulata (Novit. l. c. f. 7. 8) vel in anfractu ultimo fere omnino obducta (f. 10), aut fulvida epidermide fulvo-carnea variegata (f. 9), aut flava, epidermide alba (f. 11).

*Helix Ajax* Pfr. in Proc. Zool. Soc. 1864. p. 191.

δ. Testa subdepresso-globosa, tenuis, columella subtruncata (f. 3).

*Helix Hector* Pfr. in Proc. Zool. Soc. 1864. p. 191.

Habitat in insula Polillo.

#### 1806. **H. Andromache** Pfr.

T. imperforata, subglobosa, tenuiuscula, striatula, castanea, parum nitens; spira convexa, vertice minuto; anfr. 4 — 4½ modice convexi, summi albidi, penultimus fulvicans, ultimus globosus, non descendens, interdum liris spiralibus leviter cinctus; columella alba, subverticalis, compressa; apertura obliqua, lunato-rotundata, intus margaritacea; perist. simplex, albidum, undique breviter expansum, marginibus convergentibus, dextro flexuoso. — Diam. maj. 37, min. 30, alt. 28 mill. (Mus. Cuming.)

*Helix Andromache* Pfr. in Proc. Zool. Soc. 1864. p. 191.

Habitat in insula Polillo.

Obs. An varietatibus praecedentis etiam adnumeranda?

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1807. (1343.) **festiva** Don. (Coll. Nr. 864.) Callicochlias A<sup>2</sup>. 173. — *H. Luzonica* Sow. — Philippin. (I. 252.)

#### 1808. **H. Annae** Semper. †

« T. imperforata, conico-globosa, tenuis, laevis, subpellucida, tenerrime undato-striata; colore, sub tenuissima oblique decurrente et e viridi pallente epidermide ex albido roseo; cingulis duobus albis hydrophanis induta, altero suturam cingente, interrupto, e maculis subaequalibus constante, altero subcontinuo

in medio anfractus ultimi; apice obtuso, lucente, roseo; spira conoidea; anfr. 5 convexiusculis, regulariter accrescentibus; columella plana, declivi, rosea; apertura lunato-subcirculari, intus albicante; perist. leviter incrassato, subreflexo, roseo. — Diam. maj. 36, min. 30, alt. 30 mill.» (S.)

*Helix Annae* Semp. in Journ. Conch. X. 1862. p. 146. t. 5. f. 8. 9.

Habitat in insula Camiguin Philippinarum (C. Semper).

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1809. (1344.) **sphaerion** Sow. — *Cochlostyla sphaerion* (Helicostyla) A<sup>2</sup>. 175. — Var. γ? *H. intincta* Shuttl. — Callicochlias A<sup>2</sup>. 172. — Philippin. (I. 249.)

1810. (1345.) **Norrisi** Sow. (Coll. Nr. 865.) Callicochlias A<sup>2</sup>. 173. — *Cochlostyla Norrisii* (Calocochlea) Mart. Ostas. Zool. II. p. 95. — Philippin. (I. 250.)

1811. (1346.) **Circe** Pfr. — Callicochlias A<sup>2</sup>. 173. — Philippin. (III. 645).

1812. (1347.) **Damahoyi** Pfr. — Philippin. (IV. 210.)

1813. (1348.) **zonifera** Sow. (Coll. Nr. 866.) Callicochlias A<sup>2</sup>. 173. — *Cochlost. zonifera* (Calocochlea) Mart. Ostas. Zool. II. p. 94 cum var. *purpurascens* et *modestiore*. — Philippin. (I. 251.)

1814. (1349.) **Dominicensis** Pfr. (Coll. Nr. 867.) Eurycratera A<sup>2</sup>. 147. — Haiti. (III. 188.)

1815. (1350.) **decipiens** Sow. (Coll. Nr. 868.) Callicochlias A<sup>2</sup>. 172. — *H. Batanica* Reeve, *vulubilis* Reeve. — Philippin. (I. 251.)

1816. (1351.) **dubiosa** Pfr. (Coll. Nr. 869.) Callicochlias A<sup>2</sup>. 172. — *Cochlost. dubiosa* (Calocochlea) Mart. Ostas. Zool. II. p. 95. (I. 252.)

### 1817. **H. Dattaënsis** Semper. †

« Testa imperforata, crassiuscula, globulosa, rufo-fulva vel luteo-virens, ad suturas, et in anfract. super. epidermide fulvo-cinerea induta, rugato-striolata et spiraliter irregulariter ruguloso-malleata; sutura subimpressa, striolata; anfr. 5 plano-convexi, ultimus rotundatus et ad peripheriam fascia obsoleta lutescente cinctus; columella alba, declivis, torta et callosodentata; apertura lunato-ovalis; perist. albido-rufescens, subincrassatum, undique parum reflexum. — Alt. 38, lat. 45 mill.» (S.)

β. Minor, virescens; alt. 27, lat. 34 mill.

*Cochlostyla Dattaënsis* O. Semper in Journ. Conch. XIV. 1866. p. 152. t. 5. f. 1.

Habitat ad pedem montis Datta insulae Luzon (C. Semper).

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1818. (1352.) **obtusa** Pfr. — *Cochlostyla obtusa* (Xanthomelon) A<sup>2</sup>. 174. — Luzon. (I. 253.)

1819. (1353.) **unica** Pfr. — *Cochlost. unica* (Helicost.) A<sup>2</sup>. 175. — Mindanao. (I. 253.)

1820. (1354.) **tephrodes Pfr.** (Coll. Nr. 870.) *Cochlost. tephrodes* (Helic.) A<sup>2</sup>. 175. — Philippin. (I. 254.)  
 1821. (1355.) **Butleri Pfr.** (Coll. Nr. 871.) *Cochlost. Butleri* (Helic.) A<sup>2</sup>. 175. — Philippin. (I. 254.)  
 1822. (1356.) **libata Reeve.** — *Cochlost. libata* (Helic.) A<sup>2</sup>. 175. — Philippin. (III. 489.)

1823. **H. Blomfieldi Cox. †**

«Hel. testa subglobosa, apice obtusa; anfractibus septem, rotundatis; concentrice minute striata; apertura ovato-elongata; sutura impressa et alba; ustulato-rufa, apice flavicante et spiraliter lineata; labro crassissimo, reflexo, columella labroque violaceis. — Diam. maj. 1,064, min. 1,040, alt. 1,048 unc.» (C.)

*Helix Blomfieldi Cox* Catal. Austr. landsh. 1864. p. 19.

Habitat «Port Curtis» Australiae.

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1824. (1357.) **denticulata Jay. †** — Habitat? (I. 311.)  
 1825. (1358.) **Leytensis Pfr.** — *H. fragilis* Sow. — *Cochlostyla Leytensis* (Calocochlea) Mart. Ostas. Zool. II. p. 94. — Philippin. (I. 242.)  
 1826. (1359.) **retusa Pfr.** — *Cochlostyla retusa* (Helicostyla) A<sup>2</sup>. 175. — Philippin. (I. 255.)  
 1827. (1360.) **infuscata Alb.** — *Cochlost. infuscata* (Helic.) A<sup>2</sup>. 175. — Philippin.? (IV. 211.)  
 1828. (1361.) **Rehbeini Pfr.** — Philippin. (III. 489.)  
 1829. (1362.) **sphaerica Sow.** (Coll. Nr. 872.) *Cochl. sphaerica* (Helic.) A<sup>2</sup>. 175. — Philippin. (I. 255.)  
 1830. (1363.) **Brumeriensis Forb.** — Brumer Island prope Novam Guineam. (III. 489.)  
 1831. (1364.) **Dennisoni Pfr.** (Coll. Nr. 873.) *Coryda* A<sup>2</sup>. 156. — *H. Juliana* Poey. — Cuba. (III. 645.)  
 1832. (1365.) **gibbosula Desh. †** — Habitat? (III. 490.)  
 1833. (1366.) **Myristica Shuttl. †** — *Hemicycla* A<sup>2</sup>. 157. — Ins. Promontorii Viridis. (III. 645.)

§. 87.

1834. (1367.) **Harfordi Brod.** — *Callicochlias* A<sup>2</sup>. 173. — Philippin. (I. 244.)  
 1835. (1368.) **Cailliaudi Desh.** — *Callicochlias* A<sup>2</sup>. 173. — Philippin. (I. 246.)  
 1836. (1369.) **dissita Desh. †** — *H. extensa* Fér. — Haiti. (III. 485.)  
 1837. (1370.) **cornu militare Linn.** (Coll. Nr. 874.) *Eurycratera* A<sup>2</sup>. 147. — *Hanley* (Ips. Linn. Conch. p. 365) dubitat, hanc esse speciem Linnaeanam, quae potius specimen vetustum et decoratum Carocollae cujusdam majoris. — *H. malum terrae* Chemn., *gigantea* Scop. — Habitat? (I. 256.)  
 1838. (1371.) **latitans Brod.** (Coll. Nr. 875.) *Callicochlias* A<sup>2</sup>. 173. — Philippin. (I. 257.)  
 1839. (1372.) **cryptica Brod.** (Coll. Nr. 876.) *Callicochlias* A<sup>2</sup>. 173. — *Cochlostyla cryptica* Mart. Ostas. Zool. II. p. 96. — Philippin. (I. 258.)



1840. (1373.) **dionaea** Desh. † — Habitat? (III. 491.)  
 1841. (1374.) **cretata** Brod. (Coll. Nr. 877.) Callicochlias A<sup>2</sup>. 474. — Philippin. (I. 258.)  
 1842. (1375.) **Waltoni** Reeve. (Coll. Nr. 878.) Acavus A<sup>2</sup>. 472. — Ceylon. (I. 49.)  
 1843. (1376.) **praestans** Pfr. — Nova Granada. (IV. 242.)  
 1844. (1377.) **cognata** Fér. — Thelidomus A<sup>2</sup>. 443. — Jamaica. (I. 258.)  
 1845. (1378.) **ponderosa** Pfr. (Coll. Nr. 879.) Callicochlias A<sup>2</sup>. 473. — Philippin. (I. 259.)  
 1846. (1379.) **microspira** Pfr. — Callicochlias A<sup>2</sup>. 472. — Philippin. (IV. 243.)  
 1847. (1380.) **speciosa** Jay. (Coll. Nr. 880.) Callicochlias A<sup>2</sup>. 472. — *H. coccomelos* Sow. — Philippin. (I. 248.)  
 1848. (1381.) **difficilis** Pfr. — Philippin. (IV. 243.)  
 1849. (1382.) **lignaria** Pfr. — Callicochlias A<sup>2</sup>. 472. — Mindanao. (I. 259.)  
 1850. (1383.) **matruelis** Sow. (Coll. Nr. 881.) Callicochlias A<sup>2</sup>. 473. — Philippin. (I. 259.)  
 1851. (1384.) **Albaiensis** Sow. (Coll. Nr. 882.) *H. albaiensis* (Corasia) A<sup>2</sup>. 274. — Philippin. (I. 260.)  
 1852. (1385.) **aegrota** Reeve. (Coll. Nr. 883.) Corasia A<sup>2</sup>. 474. — Philippin. (III. 494.)  
 1853. (1386.) **Lalloënsis** Pfr. (Coll. Nr. 884.) Philippin. (IV. 244.)  
 1854. (1387.) **egregia** Desh. † — Habitat? (III. 492.)  
 1855. (1388.) **cromyodes** Pfr. (Coll. Nr. 885.) Philippin. (I. 264.)  
 1856. (1389.) **Augusta** Alb. — Callicochlias A<sup>2</sup>. 472. — Nova Guinea? (IV. 244.)

1857. **H. psittacina** Deshayes.

T. imperforata, orbiculato-depressa, tenuiuscula, oblique confertim striata striisque spiralibus sub lente decussata, subpellucida, nitida, superne et inferne virenti-lutea, medio anfr. ultimi vivide coerulescens; spira convexa, obtusa; sutura vix impressa; anfr. 4<sup>1</sup>/<sub>2</sub> vix convexiusculi, ultimus convexior, peripheria subangulatus, antice non descendens; apertura obliqua, subtrigono-elliptica; perist. simplex, tenue, marginibus remotis, dextro expanso, columellari arcuato-declivi, compresso, dilatato, adnato, albido. — Diam. maj. 25, min. 19, alt. 15 mill. (Coll. Nr. 886.)

*Helix psittacina* Desh. in Journ. Conch. IX. 1860. p. 350.  
t. 46. f. 3—5.

Habitat in parte septentrionali insulae Luzon.

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1858. (1390.) **aurata** Sow. (Coll. Nr. 887.) Corasia A<sup>2</sup>. 474. — Philippin. (I. 260.)  
 1859. (1391.) **zonulata** Fér. (Coll. Nr. 888.) *H. Listeri* Fér., *lemniscata* Less. — *Albersia zonulata* Wallace in Proc. Zool. Soc. 1865. p. 440: N. Guinea, ins. Aru, Waigiou, Gilolo, Batchian. (I. 264.)  
 1860. (1392.) **Najas** Pfr. (Coll. Nr. 889.) *Pfeifferia najas* A<sup>2</sup>. 45. —

- Albersia Najas* Wallace in Proc. Zool. Soc. 1865. p. 444: Goram, Bourou. — *Mart. Ostas. Zool. II. p. 330. t. 18. f. 4. (I. 261.)*  
 1861. (1393.) **obliquata** Desh. † — Habitat? (III. 492.)  
 1862. (1394.) **extensa** Müll. — Amboina. (III. 492.)  
 1863. (1395.) **intorta** Sow. (Coll. Nr. 890.) Philippin. (I. 262.)  
 1864. (1396.) **aeruginosa** Pfr. — Philippin. (IV. 245.)  
 1865. (1397.) **Valenciennesi** Eyd. (Coll. Nr. 894.) Corasia A<sup>2</sup>. 474. — Philippin. (I. 262.)

1866. (1398.) **H. Samboanga** Jacquinot. †

«Testa imperforata, subdepressa, tenuis, subtiliter striatula, modice nitidula, cereo-alba, fasciis 2 rufofuscis, altera suturali, altera peripherica, picta; sutura ipsa opace alba, irregulariter subcrenulata; anfr. 4, convexi, supra depressi, ultimus infra modice inflatus; columella oblique descendens, planata, acuta, alba; apertura rotundato-rhombea; perist. obtusum, rectum, album. — Diam. maj. 30, min. 24, alt. 20; apert. long. 16, alt. 15½ mill.» (v. M.)

*Helix Samboanga* Hombr. et Jacq., Pfr. Mon. Helic. IV. p. 245.

*Cochlostyla Zamboangae* (Corasia) Mart. Ostas. Zool. II. p. 89.

Habitat Zamboanga insulae Mindanao.

Obs. «Peraffinis *H. intortae* Sow., sed peristoma omnino rectum, etc.»

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1867. (1399) **intaminata** Gould. † — Otia conch. p. 224. — Ins. Mangsi. (III. 493.)  
 1868. (1400.) **flaris** Val. — Corasia A<sup>2</sup>. 474. — Marinduque. (I. 262.)  
 1869. (1401.) **Blandiana** Ad. — Leptoloma A<sup>2</sup>. 467. — Jamaica. (III. 493.)

1870. **H. Hjalmarsoni** Pfr.

T. imperforata, globoso-depressa, tenuissima, eleganter et conferte plicata, haud nitens, subunicolor cinnamomea; spira brevis, vertice obtusulo; anfr. 4 convexi, celeriter accrescentes, ultimus ventrosus; antice deflexus et subconstrictus; apertura obliqua, rotundato-lunaris, intus aequaliter plicata, margaritacea; perist. breviter expansum, intus rufulo-sublabiatum, margine columellari superne dilatato, adnato. — Diam. maj. 42, min. 40, alt. 7¾ mill. (Coll. Nr. 892.)

*Helix Hjalmarsoni* Pfr. in Malak. Bl. V. 1858. p. 448. t. 3. f. 1 — 3.

Habitat «Sierra Monte Christi» insulae Haiti (Hjalmarson).

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(*H. Solorensis* Mart. var. *exumbilicata* vid. Nr. 2344 in §. 440.)

## §. 88.

1871. (1402.) **Petitiana Orb.** (Coll. Nr. 893.) *Thelidomus* A<sup>2</sup>. 143. — Cuba. (I. 263. III. 193.)
1872. (1403.) **sobrina Fér.** — *Polydontes* A<sup>2</sup>. 148. Conf. seq. (I. 264.)
1873. (1404.) **crassilabris Pfr.** (Coll. Nr. 894.) Testa junior umbilicata, demum labio clausa. Conf. *Malak. Bl.* 1859. p. 82. — Guantánamo insulae Cubae. (*H. sobrina Fér.* forma vetusta et decolorata ejusdem speciei esse videtur.) (I. 264.)
1874. (1405.) **scabrosa Poey.** (Coll. Nr. 895.) *Thelidomus* A<sup>2</sup>. 143. — *Pfr. Novit. conch.* p. 184. Nr. 282. t. 49. f. 10. 11. — Cuba. (IV. 216.)
1875. (1405a.) **Guanensis Poey.** (Coll. Nr. 896.) *Pfr. in Malak. Bl.* V. 1858. p. 5; *Novit. conch.* p. 180. Nr. 281. t. 49. f. 1—3. — Cuba. (IV. 216.)
1876. (1406.) **auricoma Fér.** (Coll. Nr. 897.) *Thelidomus* A<sup>2</sup>. 144. — *H. microstoma Lam., Bonplandii Val., noscibilis Fér.* — Cuba. (I. 19. IV. 217.)

1877. **H. Trinitaria Gundlach.**

T. imperforata, depresso-ovata, solida, oblique conferte plicata, parum nitens, griseo-lutescens; spira parum elevata, apice obtusa; anfr. 4 modice convexi, ultimus inflatus, antice descendens, subconstrictus, basi nitidior, radiato-striatulus; apertura perobliqua, irregulariter ovali-lunaris; perist. album, incrassatum, subreflexum, margine dextro perarcuato, columellari substricto, compresso, prope insertionem tuberculo nodiformi munito. — Diam. maj. 38, min. 29, alt. 20 mill. (Coll. Nr. 898.)

*Helix Trinitaria Gundl.* mss.; *Pfr. in Malak. Bl.* V. 1858. p. 176. Habitat in montibus prope Trinidad de Cuba.

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1878. (1407.) **Rangelina Pfr.** (Coll. Nr. 899.) *Thelidomus* A<sup>2</sup>. 144. — *Pfr. Novit. conch.* p. 184. Nr. 285. t. 50. f. 1—3. — Cuba. (IV. 217.)

1879. **H. lamellicosta Gundlach.**

T. imperforata, depressa, ambitu subauriformis, solida, superne irregulariter et remote arcuato-plicata, interstitiis transverse rugosis et subgranulosis, sub epidermide lutescente alba; spira parum elevata, obtusa; anfr. 4 convexiusculi, celeriter accrescentes, ultimus juxta aperturam subcarinatus et superne impressus, deinde inflatus et antice pertumidus et deflexus, subtus conferte radiato-costulatus; apertura perobliqua, subtriangulari-lunaris; perist. crassum, album, marginibus callo junctis, dextro arcuato, subexpanso, basali plano, lato, fere stricto. — Diam. maj. 37, min. 28, alt. 20 mill. (Coll. Nr. 900.)

- Helix lamellicosta* Gundl. mss.; Pfr. in Malak. Bl. VII. 1861.  
p. 220.  
— — Pfr. Novit. conch. p. 185. Nr. 286. t. 50.  
f. 4 — 6.

Habitat in distincto Holguinensi insulae Cubae.

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1880. (1408.) **Baracoënsis** Gut. (Coll. Nr. 901.) *Thelidomus* A<sup>2</sup>. 144.  
— Pfr. in Malak. Bl. V. 1858. p. 39; VI. 1859. p. 84. — Guan-  
tánamo Cubae. (IV. 217.)  
1881. (1409.) **Guantanamensis** Poey. (Coll. Nr. 902.) Pfr. in Malak.  
Bl. V. 1858. p. 8. 177; VI. 1859. p. 83; Novit. conch. p. 186.  
Nr. 287. t. 50. f. 7—9. — Cuba. (IV. 218.)  
1882. (1410.) **proboscidea** Pfr. (Coll. Nr. 903.) *Thelidomus* A<sup>2</sup>. 144.  
Pfr. Novit. conch. p. 204. Nr. 305. t. 54. f. 1—3. — *H. porcina*  
Gut. — Variat statura. Speciminis maximi diam. maj. 41, min.  
34, alt. 24 mill. — Guantánamo Cubae. (IV. 218.)  
1883. (1411.) **Bayamensis** Pfr. (Coll. Nr. 904.) *Thelidomus* A<sup>2</sup>. 144.  
— Pfr. in Malak. Bl. V. 1858. p. 39; VI. 1859. p. 176. — St.  
Jago de Cuba. (IV. 218.)

1884. **H. provisoria** Pfr.

T. imperforata, depresso-globosa, oblique subconferte pli-  
catula, nitidula, lutea; spira conoidea, vertice minuto, obtuso;  
anfr. 4 modice convexi, ultimus inflatus, antice perdeflexus,  
basi laevior; apertura perobliqua, rotundato-lunaris, intus sub-  
margaritaceo-albida; perist. incrassatum, album, marginibus sub-  
conniventibus, dextro arcuato, vix expansiusculo, columellari  
dilatato, plano, substricto vel leviter arcuato, non dentato. —  
Diam. maj. 30, min. 24½, alt. 19 mill. (Spec. typica.) — Va-  
riat magnitudine et epidermide interdum fusco irregulariter  
radiatula. (Coll. Nr. 905.)

*Helix provisoria* Pfr. in Malak. Bl. V. 1858. p. 39; VI. 1859.  
p. 85.

— *appendiculata* Gundl. in sched. 1859.

Habitat in parte meridionali insulae Cubae (Gundlach), nec non  
New Providence insularum Bahamensium (Bland).

1885. **H. emarginata** Gundlach.

T. imperforata, depresso-globosa, solidula, oblique et con-  
ferte plicata, lutea; spira breviter conoidea, obtusa; anfr. 4  
modice convexi, ultimus subglobosus, basi laevior, antice subito  
deflexus; apertura perobliqua, subtriangulari-lunaris; perist. in-  
crassatum, marginibus callo junctis, dextro regulariter arcuato,  
vix expanso, columellari dilatato, plano, adnato, ad insertionem  
subemarginato, tum stricto et dente nodiformi vel transverse

elongato munito, cum dextro angulum indistinctum, subrectum formante. — Diam. maj. 20, min. 17, alt. 14 mill. (Coll. Nr. 906.)

*Helix emarginata* Gundl. mss.; Pfr. in Malak. Bl. VI. 1859. p. 86; IX. 1862. p. 9.

— — Pfr. Novit. conch. p. 182. Nr. 283. t. 49. f. 4. 5.

Habitat prope Mayarí insulae Cubae.

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1886. (1412.) **Cumingi** Pfr. (Coll. Nr. 907.) Axina A<sup>2</sup>. 171. — Philippin. (I. 264.)

1887. (1413.) **orbiculata** Fér. (Coll. Nr. 908.) Drouët Moll. Guyan. p. 55. — Dentellaria A<sup>2</sup>. 151. — Guyana, Cayenne. (I. 265.)

1888. (1414.) **phloiodes** Pfr. — Ins. Philippin. (I. 265.)

1889. (1415.) **Skinneri** Reeve. (Coll. Nr. 909.) Acavus A<sup>2</sup>. 172. — Ceylon. (IV. 249.)

### §. 89.

1890. (1416.) **Codringtoni** Gray. (Coll. Nr. 910.) Macularia A<sup>2</sup>. 133. — Bourg. in Rev. et Mag. Zool. 1857. p. 3. \*) t. 9. f. 1—3. (restrict.) Conf. Pfr. in Malak. Bl. VIII. 1861. p. 110. — *H. Ferrussaci* Jan, *spiriplana* Desh., *Navarinensis* Gray. — Graecia. — β. *Parnassia* Rossm. Icon. III. 17. p. 83. t. 81. f. 896. 897. (*H. parnassia* Bourg. l. c. p. 5.) — γ. *H. eucineta* Bourg. l. c. p. 5. \*\*) t. 9. f. 4—6. (Reeve f. 504 b.) — δ. *H. eupaecilia* Bourg. l. c. p. 6. \*\*\*) t. 10. f. 1—3. — ε. *H. euchromia* Bourg.

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\*) «Testa imperforata, globosa, solida, striata, fusco-cornea et albida, irregulariter strigata marmorataque, vel fasciis 2 vel 4 nigrescentibus interruptis, ornata; spira depresso-conoidea; apice laevi; anfractibus 6 convexiusculis; ultimo ad aperturam regulariter descendente, ac infra prope columellam convexo; apertura perobliqua, semiovali; peristomate albido, incrassato, reflexo; margine columellari valido, breviter arcuato, basali late dilatato, prope columellam incrassato. — Alt. 30—40, diam. 50 mill.» (Bourg.)

\*\*) «Testa imperforata, depressa, solida, striata, corneo-albida, tribus zonis corneo-nigrescentibus, inaequalibus, ac irregulariter fasciato-strigata, marmorataque; spira depressa; apice laevi; anfractibus 5 convexiusculis; ultimo ad aperturam subito descendente, ac infra prope columellam depressulo; apertura perobliqua, semiovali; peristomate albo, incrassato, undique valde reflexo; margine columellari valido, dentifero-arcuato, basali late dilatato, prope columellam sat incrassato. — Alt. 25, diam. 45—50 mill.» (Bourg.)

\*\*\*) «Testa imperforata, globosa vel depressa, fragili, sat diaphana, striatula, corneo-albida, irregulariter fasciis interruptis fulvo-nigrescentibus strigata marmorataque; spira conoidea, vel depressa; apice laevi; anfractibus 6 convexiusculis; ultimo ad aperturam maxime descendente, ac infra prope columellam depressulo; apertura perobliqua, dilatato-semiovali; peristomate leviter incrassato, acuto, simplice, margine columellari valido, recto, paululum reflexo, basali late dilatato, prope columellam in-



- l. c. p. 7.\*) t. 10. f. 4—6. (Reeve f. 504 a.) — Graecia. (I. 274.)
1891. (1417.) **lactea Müll.** (Coll. Nr. 911.) Macularia A<sup>2</sup>. 133. — *H. faux nigra* Chemn., *hispanica* Mich., *Lucasii* Desh. — *Iberus lactea* Mörch in Journ. Conch. XIII. p. 389. — Hispania, Lusitania, ins. Balear., Africa septentrionalis. (I. 272. IV. 219.)
1892. (1418.) **punctata Müll.** (Coll. Nr. 912.) Macularia A<sup>2</sup>. 133. — *H. Canariensis* Villa, *punctatissima* Jeniss. — *Iberus punctata* Mörch ibid. — Hispania, ins. Canar., Africa borealis. (IV. 221.)
1893. (1419.) **vermiculata Müll.** (Coll. Nr. 913.) Macularia A<sup>2</sup>. 133. — *H. lactea* Htm., *thalassina* Porro. — *Iberus vermiculatus* Mörch ibid. — Var. major, unicolor alba, spira interdum elatior; diam. maj. 34½, min. 26, alt. 21—22 mill.: Touarik in interiore Deserti Saharæ. (Tristram in Mus. Cuming.) — Regio mediterranea. (I. 273.)
1894. (1420.) **sylvatica Drap.** (Coll. Nr. 914.) Tachea A<sup>2</sup>. 134. — *Iberus sylvatica* Mörch ibid. — Var. *H. montana* Stud. — Gallia, Germania, Helvetia. (I. 278.)
1895. (1421.) **Vindobonensis C. Pfr.** (Coll. Nr. 915.) Bielz Faun. Siebenb. p. 72. — *H. arvensis* Kryn., *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 72. — *H. austriaca* Mlf. (Tachea) A<sup>2</sup>. 134. — *H. mutabilis* Htm. — *Iberus austriaca* Mörch ibid. — Austria, Silesia, etc., Albania. (I. 275.)
1896. (1422.) **nemoralis Linn.** (Coll. Nr. 916.) Tachea A<sup>2</sup>. 134. — *H. quinquefasciata* Shepp., *turturum* Stew., *etrusca* et *lucifuga* Zgl. — *Helicogena nemoralis* (Tachea) Mörch Moll. Dan. p. 24. — *Iberus nemoralis* Mörch in Journ. Conch. XIII. p. 389. — Europa media. (I. 276.)
1897. (1423.) **hortensis Müll.** (Coll. Nr. 917.) Tachea A<sup>2</sup>. 134. — *H. hybrida* Poir., *subglobosa* Binn., *Ludoviciana* d' Aum. — *Helicogena hortensis* (Tachea) Mörch Moll. Dan. p. 25. — *Iberus hortensis* Mörch in Journ. Conch. XIII. p. 389. — Europa media. (I. 277.)
1898. (1424.) **marmorata Fér.** (Coll. Nr. 918.) Macularia A<sup>2</sup>. 133. — *H. exornata* Parr. — Hispania. (I. 279.)
1899. (1425.) **Graellsiana Pfr.** (Coll. Nr. 919.) *H. Grateloupi* Graells, (Leptaxis) A<sup>2</sup>. 139. — *H. tessellata* Fér. — *Leptaxis Grateloupi* Mörch in Journ. Conch. XIII. p. 390. — Majorca. (III. 195.)
1900. (1426.) **Melitensis Fér.** (Coll. Nr. 920.) *Iberus* A<sup>2</sup>. 135. — Malta. — Var.: *H. achatina* Ben. (I. 280.)

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crassato; marginibus approximatis. — Alt. 28—35, diam. 48—52 mill.» (Bourg.)

\*) «Testa imperforata, compressa, parum solida, striatula, corneo-albida, ac duabus zonis aequalibus fulvo-nigrescentibus irregulariter fasciis interruptis ornata; spira compressa, apice obtuso; anfractibus 6 convexiusculis; ultimo ad aperturam maxime descendente, ac infra prope columellam valde umbilicali-depressulo; apertura perobliqua, semiovata; peristomate acuto, non reflexo, paululum incrassato; margine columellari albido, sat valido, fere recto, paululum reflexo, basali late dilatato, prope columellam incrassato; marginibus approximatis. — Alt. 22, diam. 47 mill.» (Bourg.)



1901. (1427.) **Raspaili Payr.** (Coll. Nr. 921.) Campylaea A<sup>2</sup>. 125. — Corsica. (I. 283.)

1902. (1428.) **Balearica Zgl.** (Coll. Nr. 922.) Macularia A<sup>2</sup>. 133. — *H. hispanica* Partsch, *speciosa* Zgl. — Hispania. (I. 273.)

1903. **H. Companyoni Aléron.**

«Testa depressa, apice obtusissima, imperforata, tenuissime striata, striis sub lente tantum conspicuis; apertura transverse ovata, parum lunata; peristomate candido, margine exteriori subpatulo, columellari calloso, callo candido locum umbilicalem obtegente; anfractibus  $4\frac{1}{2}$ — $5\frac{1}{2}$  convexiusculis, sutura sat perspicua separatis. Solidula, licet sat tenuis et subopaca, subnitida, in fundo albido communiter quinque fasciis valde interruptis ornata, aspectum quasi maculatim variegatum plerumque superius praebens; subtus candida et fusco radiata, radiis a callo umbilicali ad fasciam inferiorem sat irregulariter attingentibus; fasciae duae inferiores fasciis tribus superioribus interruptae minus; fauce parti testae inferiori concolore. — Alt. 8—12, diam. 15—20 mill.» (Dup.)

*Helix Companyonii* Aléron in Bull. soc. philom. Perpignan 1837. p. 94 et 98 (absque diagnosi).

— — Dupuy Hist. Moll. terr. etc. France p. 120. t. 4. f. 3.

— — (Otala) Moq. - Tand. Moll. France p. 155. t. 12. f. 17—20.

— *hispanica* var. *pyrenaica* Rossm. Icon. II. 4. p. 11. t. 46. f. 594.

— — β. Pfr. Mon. Hel. I. p. 273.

— *Balearica* β. Pfr. Mon. Hel. IV. p. 224.

*Iberus Companyoni* Mörch in Journ. Conch. XIII. 1865. p. 389.

Habitat in Pyrenaeis orientalibus. Detexit Companyo.

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1904. (1429.) **Alonensis Fér.** (Coll. Nr. 924.) Macularia A<sup>2</sup>. 133. — *Iberus Alonensis* Mörch ibid. — Hispania. (I. 284.)

1905. (1430.) **Loxana Rossm.** (Coll. Nr. 925.) *Iberus loxana* Mörch ibid. — Hispania. (IV. 224.)

1906. (1431.) **Carthaginiensis Rossm.** (Coll. Nr. 926.) *Iberus carthaginiensis* Mörch ibid. — Hispania. (IV. 224.)

1907. (1432.) **Alcarazana Guir.** (Coll. Nr. 927.) *H. serpentina* Graells? — Hispania. (IV. 225.)

1907a. **H. asteia Bourguignat.** †

«Testa imperforata, depresso-ventricosa, globosa, cretacea, solida, paululum translucida, leviter striatula, ac vix passim obscure malleata, violaceo-candida ac passim rarissime brunneo-maculata; spira convexa; apice parvulo, laevigato, corneo,

obtusio; anfractibus  $5\frac{1}{2}$  convexiusculis, celeriter crescentibus, sutura lineari separatis; ultimo maximo, dilatato, rotundato, ad aperturam valide perdeflexo - descendente; apertura obliqua, lunato-oblonga, intus brunnea; peristomate incrassato, pallide brunneo, obtuso, late expanso; margine externo ad insertionem labri recto, labiato, obtuso, non expanso; margine columellari brunneo, calloso, locum umbilicalem callo brunneo late adpresso tegente; marginibus callo brunneo junctis. — Alt. 17, diam. 29 mill.» (B.)

*Helix asteia* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 104. t. 7. f. 5—8.

Habitat circa urbem Madrid Hispaniae.

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1908. (1433.) **Niciensis Fér.** (Coll. Nr. 928.) Macularia A<sup>2</sup>. 133. — Gallia meridionalis, Italia. (I. 284.)

1909. (1434.) **splendida Drap.** (Coll. Nr. 929.) Tachea A<sup>2</sup>. 134. — *Iberus splendida* Mörch ibid. — Gallia meridionalis, Hispania. (I. 285.)

1910. (1435.) **serpentina Fér.** (Coll. Nr. 930.) Iberus A<sup>2</sup>. 135. — *H. hospitans* Bon., *Magnettii* Cantr., *Isilensis* Villa. — Italia. (I. 286.)

1911. (1436.) **Minoricensis Mitre.** (Coll. Nr. 934.) Iberus A<sup>2</sup>. 135. — Minorca. (III. 196.)

1912. (1437.) **muralis Müll.** (Coll. Nr. 932.) Iberus A<sup>2</sup>. 135. — *H. circumornata* Fér.?, *undulata* Mich., *rugosa* Zgl., *Orgonensis* Philb. — Italia, Sicilia. (I. 286.)

1913. (1438.) **Provincialis Ben.** (Coll. Nr. 933.) Iberus A<sup>2</sup>. 135. — Sicilia. (IV. 226.)

1914. (1439.) **globularis Ziegl.** (Coll. Nr. 934.) Macularia A<sup>2</sup>. 133. — Sicilia. (I. 287.)

1915. (1440.) **signata Fér.** (Coll. Nr. 935.) *H. ficum* Mf. — *H. circumornata* Mart. in Malak. Bl. V. 1858. p. 132? — Macularia A<sup>2</sup>. 133. — Italia. (I. 287.)

1916. (1441.) **Nebrodensis Mandral.** (Coll. Nr. 936.) Macularia A<sup>2</sup>. 134. — Italia. (I. 288.)

(1442. *Carseolana* Fér. vid. Nr. 2389 in §. 113.)

#### 1917. **H. Surrentina Ad. Schmidt.**

«Testa subobtectae perforata, subdepressa, subtiliter striata, ex carneo albida, fasciis 4 interruptis pallide castaneis; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus descendens; apertura perobliqua, ovalis; peristoma patulo-reflexum, sublabiato, fuscocarneum, marginibus approximatis, basali arcuato, macula umbilicali fusca. — Diam. maj. 16, min. 13, alt. 7 mill.» (v. M. — Coll. Nr. 937.)

*Helix Surrentina* A. Schmidt in litt.; Martens in Malak. Bl. V. 1858. p. 130.

— — (Iberus) Mart. in Alb. Helic. ed. II. p. 135.

— *Carseolana* Auct. ex parte.

Habitat in provincia Neapolitana Italiae.

1918. **H. Tiberii Parreyss. †**

«Testa obtecte perforata, conico-depressa, oblique rugoso-striata, striis spiralibus subtilioribus decussata, fasciis 4 saepe interruptis, superioribus 3 confluentibus marmorata; apertura perobliqua, transverse ovalis, intus fusca; peristoma album, sublabiatum, margine superiore recto, columellari stricto, calloso, subdentato, appresso. — Diam. maj. 24, min. 17½, alt. 10 mill.» (v. M.)

*Helix Tiberii (Macularia) Parr., Mart.* in *Alb. Helic.* ed. II. 1864. p. 134.

Habitat in Sicilia.

## §. 90.

1919. (1443.) **atrolabiata Kryn.** (Coll. Nr. 938.) Tachea A<sup>2</sup>. 134. — *Kalenicz.* in *Bull. Mosc.* XXVI. 2. p. 72. — *Mouss. Coq. Schläfli* II. p. 55 (*H. calligera Dubois* mss. cum varr.: *Pallasiana, typica* et *repanda Dub.*) et var. *Leucoranea Mouss.* — Caucasus. (I. 275.)

Obs. Species pervariabilis! Formas sequentes in collectione mea servo: α. Maxima, late trifasciata; diam. maj. 40, min. 34, alt. 22½ mill. — β. Typica, trifasciata. — γ. Fascia 4 peripherica et lata basali. — δ. Fasciis nullis, peristomate carneo vel candido. — ε. Fusco-radiata, fasciis 4, prima angusta ad suturam albam, secunda lata e duabus confluenta, 2 reliquis aequidistantibus in pagina inferiore; diam. maj. 31, min. 26, alt. 20 mill. (var. *repanda Dub., Mouss.*) — ζ. Elevata, anfractu ultimo valde deflexo, fasciis 5, prima juxta suturam late albam et secunda interruptis (similiter ac in *H. sylvatica*), quarta et quinta basalibus in parte antica anfractus ultimi modo conspicuis, callo peristomatis latissimo, compresso; diam. maj. 33, min. 28½, alt. 20 mill. Conf. *Rossm. Icon.* III. 17. p. 82.

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1920. (1444.) **Stauropolitana Ad. Schmidt.** (Coll. Nr. 939.) *Mouss. Coq. Schläfli* II. p. 54. — *H. atrolabiata var. Rossm. Icon.* III. 17. p. 84. \*) t. 84. f. 895. — Caucasus. (IV. 227.)

1921. **H. Kurdistan Pareyss.**

T. clause umbilicata, subturbinato-depressa', solidula, irregulariter arcuato-striata lineisque spiralibus impressis minute sculpta, coerulescenti-cinerea, fasciis fuscis obsolete cincta; spira parum elata, vertice lato, obtuso; sutura albo-submarginata; anfr. 5 convexiusculi, ultimus latus, subdepressus, antice deflexus; apertura perobliqua, lunato-rotundata, intus fusco-

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\*) «Testa plicato-striata et parce reticulato-rugulosa, sordide lutea, fasciis luteo-venulosis; peristoma et paries aperturales castanei; margo columellaris tantum albido-callosus. — Alt. 26, lat. 35 mill.» (Rm.)

carnea, nitida; perist. albolabiatum, late expansum, extus concentricè striatum, marginibus conniventibus, callo junctis, columellari declivi, dilatato, umbilicum claudente. — Diam. maj. 44, min. 35, alt. 22 mill. (Coll. Nr. 940.)

*Helix Kurdistanica* Parr. mss.; *Pfr.* in Malak. Bl. VIII. 1864. p. 108; Novit. conch. p. 324. Nr. 440. t. 78. f. 6—8.

— — *Bourg.* in Rev. et Mag. Zool. XVI. 1864. p. 162. \*) 175. t. 12. f. 1—4.

β. Minor, albida, fasciis rufis subinterruptis cincta; diam. maj. 37, min. 30, alt. 18 mill.

*Helix Baschkira* Parr. mss. (*Pfr.* Novit. t. 75. f. 9. 10.)

— *Michoniana* Bourg. in Rev. et Mag. Zool. XVI. 1864. p. 163. \*\*) 176. t. 13. f. 5—8.

Habitat Kurdistan.

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1922. (1445.) **guttata Oliv.** (Coll. Nr. 941.) Iberus A<sup>2</sup>. 135. — *Bourg.* in Rev. et Mag. Zool. XVI. 1864. p. 165. \*\*\*) t. 13. f. 1—4. —

\*) «Testa imperforata, depressa, solida, subtranslucida, sat nitente, cinereo-cornea ac 4 zonulis castaneis saepe interruptis, circumornata, supra (in anfractibus ultimis) subcostulato-striata, ac spiraliter argute sulcata, infra laeviore, et passim paululum submalleata; spira convexa; apice corneo, obtuso, laevigato, ad suturam profundam radiatulo; anfractibus 5 convexiusculis, celeriter crescentibus, sutura (in prioribus profunda, in ultimis parum impressa) separatis; ultimo maximo, compresso-rotundato, ad aperturam valde perdeflexo-descendente; apertura perobliqua, parum lunata, transverse oblonga; peristomate undique expanso ac reflexiusculo; margine columellari locum umbilicalem, callo valido crassoque, late obtegente; marginibus convergentibus, approximatis, callo tenui junctis. — Alt. 22, diam. 44 mill.» (B.)

\*\*) «Testa imperforata, depressa, solidula, subtranslucida, sordide striata, corneo-lutescente (epidermis fugax) ac duabus zonulis irregulariter interruptis, castaneis circumcincta; spira convexa, sat elata; apice obtusissimo, corneo, laevigato, sicut mamillato; anfractibus 5 convexis, celeriter crescentibus, sutura impressa separatis; ultimo maximo, rotundato, antice valde descendente; apertura obliqua, parum lunata, late transverse oblonga; peristomate albido-incrassatulo, expanso; margine columellari fere plano aut paululum curvato, late reflexo, locum umbilicalem, callo crasso validoque, obtegente; marginibus convergentibus, approximatis, callo valido junctis. — Alt. 24, diam. 35 mill.» (B.)

\*\*\*) «Testa obtecte umbilicata, depressa, solida, leviter subtranslucida, plicatula, praesertim supra; epidermide fugaci griseo-rufo et passim lutescente, ac duabus zonulis castaneis, albo vel luteo irregulariter guttatis, ornato; spira convexa, parum elata; apice obtuso, rufo, sub lente argutissime crispulato; anfractibus 5 convexis, regulariter celeriterque crescentibus, sutura impressa separatis; ultimo rotundato, antice sat subito perdeflexo-descendente; apertura obliqua, parum lunata, transverse oblonga; peristomate candido, patulo ac reflexo; margine columellari recto, paululum subtuberculifero ac late reflexo, supra regionem umbili-

*H. Djulfensis* Dub. — *H. Dschulfensis* «Dub.» Bourg. in Rev. et Mag. Zool. 1857. p. 545. \*) t. 16. f. 7—9. — (Conf. Pfr. in Malak. Bl. VIII. 1861. p. 112.) — *H. Dschulfensis* Bourg. ibid. XVI. 1864. p. 176. t. 12. f. 5—8. — Mesopotamia. (IV. 227.)

Obs. Differentiam essentialem inter *H. guttatae* icones genuinas et *H. Djulfensem* eruere non possum. Conf. praeterea Nr. 2411a: *H. Bellardii* var. *occlusa* Mouss.

1923. (1446.) **Caesareana** Parr. (Coll. Nr. 942.) Iberus A<sup>2</sup>. 135. — Rossm. Icon. III. 17. p. 83. \*\*) t. 84. f. 898. — Mouss. Coq. voy. Roth p. 34. — Bourg. in Rev. et Mag. Zool. XVI. 1864. p. 167. \*\*\*) 178. t. 15. f. 1—9. t. 16. f. 1—8. — Syria. (IV. 228.)

#### 1924. **H. carmelita** Tristram. †

«T. imperforata, depressa, flavida, vix pellucida, nitida, regulariter et pulcherrime striata; anfract. 6, convexi, lente accrescentes, sutura profunda, ultimus ad aperturam deflexus, apertura compressa, obliqua, lunaris; perist. reflexo, flavido, intus albescente, densato; basi rotundata. — Diam. maj. 8, min. 7, alt. 4 mill.» (T.)

calem adnato; marginibus approximatis, conniventibus, callo tenui diaphanoque junctis. — Alt. 19, diam. 33 mill.» (Bourg. 1864.)

\*) «Testa umbilicata, depressa, solida, pallide cinereo-albida, striatula; anfractibus 4 convexiusculis, velociter accrescentibus; ultimo antice valde deflexo; apertura perobliqua, transverse ovali; peristomate non incrassato; supero non expanso; basali recto, reflexo; columellari valde dilatato, umbilicum fere obtegente; marginibus approximatis. — Alt. 16, diam. 34 mill. — Armenia. — Differt ab *H. guttata* Ol. anfractibus minus numerosis, convexis, rapide accrescentibus, colore albido, non maculato, anfractu ultimo minus inflato, margine columellari rectilineo.» (Bourg. 1857.)

\*\*) «Testa exumbilicata, globoso-depressa, striata, in anfractu ultimo parce spiraliter lineata, albido-luteola, interrupte quinquefasciata, fasciis in anfractibus mediis, carinatis, planulatis et microscopice granulatis, fulguratim albo-interruptis; anfractus 4½ depressi, ultimus demum valde deflexus; apertura perobliqua transverse lunato-ovata; peristoma dilatatum, expansum, marginibus conniventibus, callo conjunctis; margo exterior sublabiatus, interior strictiusculus, latus, lamella candida replicata, adnata umbilicum claudens. — Alt. 19—27, lat. 33—36 mill.» (Rm.)

\*\*\*) «Testa obtecte umbilicata, subdepressa, solidula, valide rugoso-striata, ac striis spiralibus, praesertim in ultimo anfractu circa suturam sulcata, lutescenti-grisea, ac zonis 5 fuscis fulguratim albo-interruptis, saepe evanescentibus ornata; spira convexa, obtusa; apice fusco, sat parvulo, sub lente argutissime substriolato; anfractibus 5 supra subplanulatis aut leviter convexiusculis, sat celeriter crescentibus; supremis carinatis (carina suturam sequens), ultimo rotundato, antice ad aperturam subito valde perdeflexo; apertura obliqua, vix lunata, transverse ovali; peristomate albo-labiato, expanso, ac reflexo praesertim ad basin; margine columellari reflexo, supra regionem umbilicalem perdilatato, adnato; marginibus conniventibus, callo crasso junctis. — Alt. 20, diam. 33 mill. — Enumerantur var.: *maxima*, *nana*, *carinata*, *albidula*, *globulosa* et *convexa*.» (B.)



*Helix carmelita* Tristr. in Proc. Zool. Soc. 1865. p. 532.  
Nec Fér.

— *Tristrami* Martens in Günth. zool. Jahresber. f. 1865.  
Nec Pfr.

Habitat in monte Carmel Syriae.

Obs. «Subsimilis *H. partitae* Pfr., umbilicatae.»

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1925. (1447.) **Sirena Beck.** (Coll. Nr. 943.) Chloraea A<sup>2</sup>. 170. — *Helicostyla* (Thersites) *Sirena* Mörch in Journ. Conch. XIII. p. 385.  
— Ins. Philippin. (I. 263.)

1926. (1448.) **paradoxa Pfr.** (Coll. Nr. 944.) Chloraea A<sup>2</sup>. 170. — Philippin. (I. 267.)

1927. (1449.) **restricta Pfr.** (Coll. Nr. 945.) Chloraea A<sup>2</sup>. 170. — *H. constricta* Pfr. Mon. I. p. 267. Nec Boub. — *H. stenopsis* Moq.-Tand. in Rev. et Mag. Zool. 1856. p. 563 in adnot. — Philippin.

1928. (1450.) **amoena Pfr.** (Coll. Nr. 946.) Chloraea A<sup>2</sup>. 170. — Philippin. (I. 270.)

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#### 1929. **H. Scherzeri Zelebor.**

T. imperforata, globoso-depressa, tenuiuscula, striatula, albida, punctis raris corneis pellucidis conspersa, vel fasciis 5 continuis fuscis ornata; spira parum elevata, vertice obtuso; anfr.  $4\frac{1}{4}$ , convexiusculi, ultimus inflatus, antice profunde deflexus; apertura perobliqua, subcircularis; perist. albo-labiatum, marginibus approximatis, callo junctis, breviter reflexis, columellari intus obsolete unidentato, supra regionem axialem dilatato, appresso. — Diam. maj. 20, min. 17, alt. 11 mill.

*Helix Scherzeri Zelebor* in litt.

Habitat in insulis Nicobaricis.

Obs. Similis *H. melitensi* Fér.; differt anfractu ultimo inflato, profunde deflexo, apertura fere circulari, etc. — Forma etiam ad *H. Solorensis* Mart. var. *exumbilicatam* accedit, sed characteribus allatis, anfractuum ratione, etc., facile distinguenda est. Vid. Addenda.

#### §. 91.

1930. (1451.) **Ehrenbergi Roth.** (Coll. Nr. 947.) Euparypha A<sup>2</sup>. 130.  
— β. Peristomate perincrassato, duplice: var. *chilembia* Bourg. in Rev. et Mag. Zool. XVI. 1864. p. 161. t. 11. f. 1—9. — Egyptus. (III. 197.)

#### 1931. **H. Hasselquisti Ehrenberg.**

T. clause perforata, subgloboso-depressa, solida, crassa, sublaevigata, irregulariter striatula, nitidula, alba (teste Roth



raro obsolete fasciata); spira convexa, apice submamillari, obtuso; anfr. 5 convexi, ultimus ventrosus, antice vix descendens; apertura obliqua, late lunaris, intus coffeacea; perist. album, sublabiatum, marginibus subconvergentibus, dextro breviter expanso, basali reflexo, arcuatim in columellarem dilatatum, appressum abeunte. — Diam. maj. 34, min. 26, alt. 20 mill. (Coll. Nr. 948.)

*Helix Hasselquisti Ehrenb.* Symb. Helix Nr. 3. 6.

— *desertorum* var.  $\delta$ . Roth Diss. p. 44.

— — —  $\delta$ . Pfr. Mon. Helic. I. p. 344. Conf. Pfr. in Malak. Bl. 1856. [p. 178; Mon. IV. p. 271. Nr. 1728 adnot.

Habitat prope Damiate Egypti (Zelebor).

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1932. (1452.) **Massylaea Mor.** (Coll. Nr. 949.) Macularia A<sup>2</sup>. 133. — *Acavus Massylae* (Tachea) Adams Gen. p. 195. — Algeria. (III. 198. IV. 228.)

1933. (1453.) **Constantina Forb.** (Coll. Nr. 950.) Macularia A<sup>2</sup>. 133. — *H. Cirtae Terv.* — Algeria. (I. 274.)

#### 1934. **H. Boghariensis Debeaux.** †

«Testa solida, subdepressa, vel subglobosa, imperforata, albida, tenuissime striata, fasciis quinque fuscobrunneis ornata, apertura angusta; peristomate simplici, late reflexo, crassiusculo, sinuato, albo-labiato, marginibus subremotis, columellari intus albo, extus depresso, calloso, callo locum umbilicalem tegente, anfractibus 4—5 convexis, sutura parum apparente separatis. — Alt. 20—24, diam. 32—36 mill.» (D.)

*Helix Boghariensis Debeaux* Cat. Moll. viv. envir. Boghar. 1857; Journ. Conch. VII. 1859. p. 402.

— *Cirtae* var.? *Boghariensis Deb.* in Journ. Conch. XI. 1863. p. 43.

Habitat in Algeria.

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1935. (1454.) **Dupotetiana Terv.** (Coll. Nr. 951.) Macularia A<sup>2</sup>. 133. — *H. zaffarina Terv.* — Algeria. (I. 274.)

(1455. *xanthodon* Ant. vid. Nr. 2056 in §. 101.)

1936. (1456.) **arabica Terv.** (Coll. Nr. 952.) Macularia A<sup>2</sup>. 133. — Mons Atlas. (I. 275.)

1937. (1457.) **senilis Mor.** † — Macularia A<sup>2</sup>. 133. — Algeria. (III. 198.)

1938. (1458.) **Punica Mor.** — Macularia A<sup>2</sup>. 133. — Algeria. (IV. 229.)

1939. (1459.) **Juilleti Terv.** (Coll. Nr. 953.) Macularia A<sup>2</sup>. 133. — *H. Wagneri Rossm.* — Algeria. (I. 273.)

1940. (1460.) **alabastrites Mich.** (Coll. Nr. 954.) Macularia A<sup>2</sup>. 133. — *H. soluta Mich.* — Algeria. (I. 278.)

1941. (1461.) **hieroglyphicula Mich.** (Coll. Nr. 955.) Macularia A<sup>2</sup>. 133. — Algeria. (I. 279.)

1942. (1462.) **Raymondi Moq.** — *Leptaxis* A<sup>2</sup>. 439. — *H. Desfontanea* Mor. — *Leptaxis Raymondi* Mörch in Journ. Conch. XIII. p. 389. — Algeria. (IV. 230.)

1942a. **H. Bonduelliana Bourguignat.** †

«Testa imperforata, ventricosa, globosa, cretacea, solida, paululum translucida, nitida, leviter striatula, ac vix passim obscure malleata, candido-caerulescente ac brunneo-unifasciata; spira rotundato-convexa; apice parvulo, laevigato, obtuso; anfractibus  $5\frac{1}{2}$  convexiusculis, regulariter celeriterque crescentibus, sutura fere lineari separatis; ultimo ventricosus-rotundato, lente gradatimque ad aperturam descendente; apertura obliqua, lunato-ovata, intus candida; peristomate sublabiato, paululo, praesertim ad partem inferiorem labri externi; margine columellari strictiore, calloso, candido, locum umbilicalem callo adpresso tegente; marginibus callo vix conspicuo junctis. — Alt. 19, diam. 28 mill.» (B.)

*Helix Bonduelliana* Bourg. in Rev. and Mag. Zool. XV. 1863. p. 103. t. 7. f. 1 — 4; Malac. Algér. Fasc. II.

Habitat in Algeriae provincia Oranensi.

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1943. (1463.) **Coquandi Mor.** † — *Tachea* A<sup>2</sup>. 434. — Marocco. (IV. 230.)  
(1463a. *tigri* Gerv. vid. Nr. 2057 in §. 401.)

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1944. (1464.) **sarcostoma WB.** (Coll. Nr. 956.) *Hemicycla* A<sup>2</sup>. 437. — Ins. Canar. (I. 266.)  
(1464a. *Hierroensis* Grass. vid. *H. Maugeana* Shutt. Nr. 1950.)

1945. **H. Manriquiana Lowe.** †

«T. parvula subglobulosa tenuiuscula omnino ecarinata lucido-nitens laevigata (nec granulata) tota reticulatim malleata et subtilissime obsoletissimeque spiraliter hinc inde striolata, striolis vel tenuissimis exilissimis creberrimis interruptis vix perspicuis, fulva v. furva fasciis 5 (raro 4, 3<sup>a</sup> et 4<sup>ta</sup> confusis) distinctis coffeaceo-fuscis continuis, suprema ad suturam subtessellata, rarissime unicolor fulva fasciis evanidis; spira elevatiuscula, sutura distincta, anfr. 5 convexiusculis, ult. antice deflexo; apert. oblique ovali simplici aequali; perist. simpliciusculo convexo-reflexo subincrassato angusto purpureo, labris subaequaliter arcuatis subconniventibus, basali strictiusculo simplici subdilato plano-concavo v. subsulcato. — Diam. maj. 20—22, min. 16—18½, alt. 15—17 mill.» (L.)

*Helix Manriquiana* (*Mycena*) *Lowe* in Ann. and Mag. n. h. 3d. ser. VII. 1861. p. 111.

Habitat in Canaria magna.

Obs. Quasi media inter *H. consobrinam* et *sarcostomam*.

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1946. (1465.) **Saulcyi Orb.** (Coll. Nr. 957.) *Hemicycla* A<sup>2</sup>. 137. — Ins. Canar. (I. 267.)

1947. (1466.) **Adansoni WB.** (Coll. Nr. 958.) *Hemicycla* A<sup>2</sup>. 137. — *H. Pouchet Fér.* — Teneriffa. (I. 268.)

1948. (1467.) **consobrina Fér.** (Coll. Nr. 959.) *Hemicycla* A<sup>2</sup>. 137. — Teneriffa. (I. 269.)

#### 1949. **H. Paeteliana Shuttleworth.**

T. imperforata, depresso conoideo-globosa, tenuis, striatula et sub lente granulata, nitida, fulvo-olivacea, fasciis 5 saturate castaneis ornata; spira conoidea, obtusula; anfr. 5 convexiusculi, ultimus inflatus, antice deflexus; apertura magna, diagonalis, lunato-circularis, intus submargaritacea; perist. tenuiter carneo-labiatum, marginibus conniventibus, dextro breviter reflexo, columellari dilatato, adnato. — Diam. maj. 24, min. 19, alt. 15 mill. (Mus. Cuming.)

*Helix Paeteliana* *Shuttl.* in sched.; *Pfr.* in Malak. Bl. VI. 1859. p. 26.

— — (Hemicycla) *Mart.* in *Alb. Helic.* ed. II. p. 137.

Habitat Fuerteventura insularum Canariensium.

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1950. (1468.) **Maugeana Shuttl.** (Coll. Nr. 960.) *Hemicycla* A<sup>2</sup>. 137. — *H. Gaudryi Pfr.* olim. — *H. Hierroensis Grass., Pfr. Mon. Hel.* IV. p. 234. — *Hemicycla* A<sup>2</sup>. 137. — Ins. Canar. (IV. 646.)

#### 1951. **H. valverdensis Lowe. †**

«T. parvula subgloboso-depressa v. depressa tenuiuscula obsolete v. haud carinata lucidiuscula laeviuscula haud malleata sed arcte et subobsolete tenuiter crebristriata et aliquando hinc inde obsoletissime reticulatim subundulato-rugulosa subtilissime granulosa coffaeacea fulvo- vel flavo-fusca subconcolor fasciis continuis valde obscuris, sutura angustissime albo marginata; spira convexo-depressa, anfr. 4 — 4½ planiusculis, ult. saepius haud carinato antice paulo deflexo, sutura distincta; apert. oblique rotundato-ovali aequali; perist. simpliciusculo subincrassato - expansiusculo v. convexo - reflexiusculo anguste albo, labris aequaliter omnino arcuatis subconvergentibus. — Diam. maj. 16—20, min. 15—17, alt. 12—16 mill.» (L.)

*Helix valverdensis* (*Mycena*) *Lowe* in Ann. and Mag. n. h. 3d.

ser. VII. 1861. p. 110. (= *Maugeana Shuttl.*?)

Habitat ad villam Valverde ins. Ferro.

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1952. (1469.) **Gaudryi Orb.** (Coll. Nr. 961.) *Hemicycla* A<sup>2</sup>. 137. — Ins. Canar. (IV. 231.)

1953. **H. Plutonia Lowe.** †

«T. subobtecte perforata subgloboso-depressa distincte angulato-carinata, jun. acute carinata, supra argute scabrostriolata obsolete et exilissime granulata, subtus laevigata lucida (decorticata albo-cretacea antice v. supra carinam fuscescens); spira convexo-depressa, sutura parum impressa distincte marginata, anfr. 6 planatis, ult. angulato-carinato antice rotundato haud aut vix descendente; apert. lunato-ovali labris remotis disjunctis; perist. subincrassato subreflexo ad axin subdilatato umbilicum partim obtegente. — Diam. maj. 24, min. 20, alt. 15 mill.» (L.)

*Helix Plutonia* (Macularia) *Lowe* in Ann. and Mag. n. h. 3d. ser. VII. 1861. p. 108.

Habitat in insula Fuerteventura.

Obs. «Affinis solum *H. Gaudryi* (Gomerensi) et sequenti.

1954. **H. saponacea Lowe.** †

«T. obtecte perforata orbiculato-depressa subtus convexior, jun. subcarinata, adulta vix aut obtuse angulata, lucidiuscula exilissime granulato-scabra, subtus laevior pallidior circa axin opaco-albida, supra corneo-flavescens subpellucidiuscula anguste 3-fasciata; spira convexo-depressa, sutura distincta simplici (nec marginata), anfr. 4½ vix convexiusculis, ult. obsolete angulato antice abrupte deflexo; apert. lunato-subquadrata labris remotis, inferiore rectiusculo stricto ad axin late albo-reflexo umbilicum penitus obtegente; perist. lato-reflexo plano albo, axin versus incrassato-callosa interdum plica relevata intus aucto. — Diam. maj. 17, min. 15, alt. 9 mill.» (L.)

*Helix saponacea* (Macularia) *Lowe* in Ann. and Mag. n. h. 3d. ser. VII. 1861. p. 109.

Habitat in insula Canaria Magna.

1955. **H. psathyra Lowe.** †

«T. majuscula depressa obsolete v. haud carinata obsolete et subtiliter malleata tenuis fragilis lucida laevis (juniore granulata) oblique crebristriata interstitiis hinc inde obsoletissime

aliquando spiraliter interruptim striolatis fulvo- vel corneo-virens *pallidiuscula* fusco pallide et obscure 4—5-fasciata, subtus fulvo-virescens; spira convexo-depressa, anfr. 5 planis ultimo obsoletissime aut non carinato antice *valde deflexo et pone labrum* valde et profunde *constricto-sulcato*, sutura subobsoleta; apert. oblique depressa deltoidea subsinuata; perist. latissime expanso-limbato plano tenui fragillimo pallide purpurascens v. albo ad basin *medio dilatato-callosa intus subprominente plano*, *labris convergentibus subapproximatis*. — Diam. maj. 22—24, min. 18—20, alt. 14—16 mill.» (L.) Conf. *H. Paivana* Lowe Nr. 2010.)

*Helix psathyra* (*Mycena*) Lowe in Ann. and Mag. n. h. 3d. ser. VII. 1861. p. 109.

Habitat in Canaria Magna australiore.

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1956. (1469 a.) **Perraudierei** Grass. † — *Hemicycla* A<sup>2</sup>. 137. — Ins. Canar. (IV. 232.)

1957. (1469 b.) **Guamartemes** Grass. † — *Hel. guartemes* (*Hemicycla*) A<sup>2</sup>. 137. — Ins. Canar. (IV. 232.)

1958. (1470.) **modesta** Fér. (Coll. Nr. 962.) *Hemicycla* A<sup>2</sup>. 137. — Ins. Canar. (I. 269.)

1959. (1471.) **erubescens** Lowe. (Coll. Nr. 963.) *Leptaxis* A<sup>2</sup>. 139. — *H. simia* Fér.? — Madera. — β. *H. hyaena* Lowe. (I. 270.)

#### 1960. **H. galeata** Paiva.

«T. obtecte perforata, globoso-conoidea s. subpyramidata, solidiuscula, superne fusco-cornea, oblique costellato-striatula, basi laevigata, nitida, corneo-albida, obsolete fusco-bifasciata, fascia superiore evanescente; spira convexo-conoidea, obtusa; sutura impressa; anfr. 8, convexiusculi, compacti, ultimus ecarinatus, antice descendens, labrum versus pallescens; perforatio minima; apertura oblique lunaris; perist. intus albo-labiatum, marginibus remotis, supero recto, basali reflexiusculo, columellari dilatato, perforationem semitegente. — Diam. maj. 9, min. 8, alt. 3 millim.» (De Paiva. — Coll. Nr. 964.)

*Helix calva* var. *galeata* Lowe in Ann. and Mag. n. h. 3d. ser. X. (Aug. 1860.) p. 93.

— *galeata* De Paiva in Malak. Bl. XI. 1864. p. 51.

— — *Pfr.* ibid. p. 52. t. 2. f. 1—3.

Habitat «Ribeira de Fayal» insulae Maderae.

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1961. (1472.) **calva** Lowe. (Coll. Nr. 965.) *Actinella* A<sup>2</sup>. 119. — Madera. (I. 289.)

1962. (1473.) **chrysomela** Pfr. (Coll. Nr. 966.) *H. oenostoma* Lowe, *fluctuosa* Lowe. — Portosancto. (I. 281, 447.)

1963. **H. Pittae Paiva.** †

«T. perforata, globoso- vel rotundato - conica, rugosa, aspera, cinereo - plumbea, granulis depressiusculis, confertis aspersa; spira convexa, elatiuscula; sutura impressa; perforatio subtriangularis, spiralis; anfr.  $6\frac{1}{2}$  convexi; ultimus distincte major, obsolete carinatus, quasi pulvinatus, basi turgidus, rimam partim coarctans, antice breviter descendens; apertura lunato-angularis; peristoma crassum, albidum, subreflexum, marginibus remotis, callo tenuissimo, procumbente subapproximatis. — Diam. 5, alt.  $4\frac{1}{2}$  mill.» (De P.)

*Helix Pittae De Paiva* in Journ. Conch. XIV. 1866. p. 340.  
t. 11. f. 5.

Habitat rarissima in praeruptis excelsis insulae Desertae Australis.

## §. 92.

1964. (1474.) **sutilosa Fér.** — Australasia. (III. 119. IV. 233.)

1965. (1475.) **Reinga Gray.** (Coll. Nr. 967.) Rhagada A<sup>2</sup>. 409. — Nova Seelandia. (I. 289.)

1966. (1476.) **Dringi Pfr.** — Rhagada A<sup>2</sup>. 409. — Australia. (I. 289.)

1967. (1477.) **Tescorum Bens.** — Rhagada A<sup>2</sup>. 409. — Australia. (IV. 233.)

## §. 93.

1968. **H. Farrisi Pfr.**

T. imperforata, ovato-depressa, tenuiuscula, spiraliter striata et foveolis impressis reticulata, fulva, fasciis 4 nigricantibus et maculis punctisque luteis variegata; spira brevis, conoidea, apice obtusula; anfr. vix ultra 4 rapide accrescentes, ultimus ventrosus, antice deflexus, medio impressus, castaneus; apertura perobliqua, truncato-ovalis; perist. albo-labiatum, margine dextro expanso, columellari dilatato, plano, adnato. — Diam. maj. 35, min. 27, alt. 19 mill. (Mus. Cuming.)

*Helix Farrisi Pfr.* in Proc. Zool. Soc. 1859. p. 23. t. 44. f. 3.  
(Malak. Bl. 1859. p. 26.)

— — *Pfr.* Novit. conch. p. 154. Nr. 249. t. 44. f. 1—3.

Habitat in provincia Patasensi Peruviae (Dr. Farris).

1969. **H. Tschudiana Philippi.** †

«H. testa obtecte umbilicata, orbiculato-convexa, depressa, solidula, *striatula*, *striisque transversis tenuissimis decussata*, fulvo-rufa, fusco unifasciata; spira brevi, obtusa; anfractibus  $4\frac{1}{2}$ , ultimo antice deflexo; apertura perobliqua, ovato-lunata;



peristomate incrassato, albo, late expanso, reflexo; callo labiali tenuissimo. — Diam. maj. 29, min.  $22\frac{1}{2}$ , alt.  $11\frac{1}{2}$  mill.» (Ph.)

*Helix Tschudiana* Phil. in Malak. Bl. XIV. 1867. p. 66.

— — Pfr. Novit. conch. Fasc. XXVII. Nr. 444. t. 79. f. 4—3.

Habitat prope Huancavelica Peruviae (Raimondi).

Obs. «Magnitudo et forma *H. trigrammephorae* Orb., a qua facillime colore obscuro, striis radiantibus magis conspicuis, striis transversis eas decussantibus, nec non umbilico minore distinguitur. Propter strias nitore caret. Fascia suturae contigua est.»

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1970. (1478.) **clausomphalos** Dev. et **H. †** — Hupé in Casteln. exp. Moll. p. 16. t. 3. f. 3. — Peruvia. (III. 201.)

1971. **H. alsophila Philippi. †**

«H. testa obtecte umbilicata, orbiculato-convexa, parum depressa, solidula, striatula, *transversim malleolata*, *nitida*, e fulvo rufa, fascia rufo-fusca inferius pallide limbata in anfractu ultimo ornata; spira obtusa, satis convexa; anfractibus  $4\frac{1}{2}$ , ultimo antice deflexo; apertura perobliqua, fere orbiculari-lunata; peristomate incrassato, albo, expanso, satis reflexo; callo labiali tenuissimo. — Diam. maj. 30, min. 24, alt. 14 mill.» (Ph.)

*Helix alsophila* Phil. in Malak. Bl. XIV. 1867. p. 67.

— — Pfr. Novit. conch. Fasc. XXVII. Nr. 445. t. 79. f. 4—6.

Habitat «Montaña del valle de Sta. Ana» Peruviae (Raimondi).

Obs. «Simillima *H. Tschudianae*, sed testa paullo magis elevata, anfractus altiores; sculptura valde diversa: nullum striarum concentricarum vestigium, sed impressiones transversales velut malleolo factae, epidermis igitur nitidissima. Fascia in anfractibus superioribus a sutura occultatur.» (Ph.) — Haec species et *H. Tschudiana* peraffines *Helici clausomphalo* Dev. et Hupé, sed neutra prorsus cum illa congruere videtur. (Pfr.)

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1972. (1479.) **lima** Fér. (Coll. Nr. 968.) *Thelidomus* A<sup>2</sup>. 144. — *H. punctifera* Lam. — Portorico. (I. 266.)

1973. (1480.) **notabilis** Shuttl. (Coll. Nr. 969.) *Hel. incerta* Fér. (*Thelidomus*) A<sup>2</sup>. 144. — *H. striolata* Guild., *alutacea* Zgl., *velutinosides* Ant., *curvidens* Pfr. — *Thelidomus alutacea* Mörch in Journ. Conch. XIII. p. 389. — Ins. Tortola et subfoss. in ins. St. Thomas. (I. 266.)

1974. (1481.) **alauda** Fér. (Coll. Nr. 970.) *Coryda* A<sup>2</sup>. 136. — Pfr. in Malak. Bl. V. 1858. p. 178; VI. 1859. p. 86. t. 1; IX. 1862. p. 10; XI. 1864. p. 125; XIII. 1866. p. 57. — Varietates: *H. strobilus* Fér. (*mamilla* Lea), *avellana* Fér., *Hebe* Desh., *pudibunda* Beck, *purpuragula* Lea. — Cuba. (I. 268.)

(1482. *Hebe* Desh. vid. *H. alauda* Fér.)

1975. **H. nigropicta Arango.**

T. imperforata, depressa, solida, oblique arcuatim *costulato-striata*, fumoso-fulvida, fasciis nigris maculatim interruptis ornata; spira breviter convexo-conoidea, vertice glabro; anfr.  $4\frac{1}{2}$  modice convexi, regulariter accrescentes, ultimus subdepressus, antice breviter deflexus; apertura perobliqua, lunato-ovalis, intus nitidissima, violacea; perist. lilaceo-labiatum, marginibus vix convergentibus, dextro breviter expanso, basali reflexo, versus insertionem dilatato, plano, affixo. — Diam. maj. 49, min.  $45\frac{1}{2}$ , alt. 40 mill. (Coll. Nr. 974.)

*Helix nigropicta Arango* mss.; *Pfr.* in *Malak. Bl.* XIII. 1866. p. 57.

Habitat Sagua de Tánamo insulae Cubae (Arango).

1976. **H. Tryoni Newcomb. †**

«H. testa solida, depresso-globosa, anguste obtecte umbilicata, supra caeruleo-cinerea, infra sordido-alba, spira subturbinata; anfr. 6 convexi, ultimus descendens; striae sub lente numerosae insculptae circumvolutae; apertura subrotundata; columella callosa, obsolete unidentata; peristoma vix reflexum, introrsum callosum. — Diam. maj. 4, min. 0,88, alt. 0,75 poll.» (N.)

*Helix Tryoni Newc.* in *Proc. Calif. Acad.* III. 1864. p. 115.

Habitat in insulis Santa Barbara et San Nicolas Californiae.

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1977. (1483.) **ovum reguli Lea.** (Coll. Nr. 972.) *Coryda* A<sup>2</sup>. 137. — *Pfr.* in *Malak. Bl.* V. 1858. p. 178; VI. 1859. p. 87. — Cuba. (I. 285.)

1978. (1484.) **stenostoma Pfr.** (Coll. Nr. 973.) Martinique. (I. 280.)

1979. (1485.) **diaphana Lam.** (Coll. Nr. 974.) *Plagiptycha* A<sup>2</sup>. 145. — Portorico. (I. 284. IV. 234.)

1980. **H. Haitensis Weinland et Martens.**

«Testa imperforata, globosa, tenuis, oblique striatula, nitida, isabellina (saepius rufo-fasciata), fascia suturali angusta opaco-albida; spira mediocriter elevata, apice obtusiuscula; anfractus  $4\frac{1}{2}$ , celeriter accrescentes, superiores convexiusculi, ultimus inflatus, valde descendens; apertura dilatato-rotundata, obliqua; peristoma breviter reflexum, album, marginibus conniventibus, columellari dilatato, dente obtuso munito. — Diam. maj. 43, min. 40, alt.  $7\frac{1}{2}$  mill.» (v. M. — Coll. Nr. 975.)

*Helix Haitensis Weinl. et Mart.* in *Malak. Bl.* VI. 1859. p. 17.

— — (Plagiptycha) *Mart.* in *Alb. Helic.* ed. II. p. 145.

Habitat in insula Haiti (Weinland).

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1981. (1486.) **nemoralina** **Pet.** (Coll. Nr. 976.) *Plagioptycha* A<sup>2</sup>. 445.  
— Ins. St. Thomas. (I. 284.)  
1982. (1487.) **Riisei** **Pfr.** — *Plagioptycha* A<sup>2</sup>. 445. — Portorico. (IV. 235.)  
1983. (1488.) **Santacruzensis** **Pfr.** (Coll. Nr. 977.) Subfoss. in ins.  
St. Croix. (IV. 235.)

## §. 94.

1984. (1489.) **filosa** **Desh.** † (III. 204.)  
1985. (1490.) **phaeogramma** **Pfr.** (I. 285.)  
1986. (1491.) **exornata** **Desh.** † (III. 202.)  
1987. (1492.) **Villae** **Desh.** † (III. 202.)

## §. 95.

1988. (1493.) **cornu giganteum** **Chemn.** (Coll. Nr. 978.) *Helicophanta*  
A<sup>2</sup>. 449. — *H. cornu* *Dillw.*, *vesicalis* *Lam.* — Madagascar.  
(I. 46.)

1989. **H. Souverbiana** **Fischer.** †

«Testa ovato-depressa, non perforata, minute et radiatim striata; sub epidermide luteo-rufa, albo-zonata; anfractus 4 convexi; sutura impressa; anfractus ultimus dilatatus, parum descendens; apertura ovata, lata; marginibus arcuatis; peristoma reflexiusculum; columella alba, callosa; callo tenui marginem dextrum attingens. — Diam. maj. 75, min. 54, alt. 45, diam. apert. 50 mill.» (F.)

*Helix Souverbiana* *Fisch.* in Journ. Conch. VIII. 1860. p. 210.  
t. 4. f. 8.

Habitat in insula Madagascar.

## §. 96.

1990. (1494.) **Gualtierana** **Linn.** (Coll. Nr. 979.) *Iberus* A<sup>2</sup>. 435. —  
*H. obversa* *Born.* — *Iberus Gualtieriana* *Mörch* in Journ. Conch.  
XIII. p. 389. — Hispania. (I. 293.)  
1991. (1495.) **Grohmanni** **Phil.** (Coll. Nr. 980.) Sicilia. (I. 293.)  
1992. (1496.) **Paciniana** **Phil.** (Coll. Nr. 984.) *Iberus* A<sup>2</sup>. 435. — *H.*  
*vieta* *Rossm.* — Sicilia. (I. 293.)

## §. 97.

1993. **H. sulcocincta** **Martens.** †

«Testa imperforata, subdepressa, solidula, oblique striatula, rugis reticulatis et impressionibus quasi malleatis exarata, carina peripherica rugulosa et paulo infra hanc carinulis nonnullis (8) levioribus cincta, purpureofusca; spira brevis, obtusa, oblique striatula; anfr. 5 vix convexi, ultimus ad aperturam

modice descendens; apertura per obliqua, lunato-ovalis; perist. anguste expansum, non incrassatum, aurantio-flavescens, margo columellaris valde obliquus, incrassatus, angulum distinctum cum margine basali efficiens. — Diam. maj. 59, min. 46, alt. 32; apert. long. et lat. 29 mill.» (v. M.)

*Cochlostyla sulcocincta* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 270.

*Helix sulcocincta* (Phania) Mart. Ostas. Zool. II. p. 327. t. 18. f. 1. Habitat in insula Halmahera.

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1994. (1497.) **Siquijorensis Brod.** (Coll. Nr. 982.) Axina A<sup>2</sup>. 171. — Philippin. (I. 295.)

1995. **H. Garibaldiana Dohrn et Semper.**

«Testa lenticularis, solida, striis incrementi sculpta, castanea, undique stramineo maculata et fulgurata, lineis concentricis obscurioribus interruptis signata; acute et compresse carinata, carina anfractuum superiorum subexserta; spira modice elevata, apice depresso; anfr. 5 vix convexi, ad suturam depressi, ultimus antice descendens, subtus convexior; apertura securiformis, intus coerulea; peristomium incrassatum, expansum, reflexum, carneo-violaceum, margine dextro angulato, angulo subcanaliculato, margine columellari dilatato, planato, valde obliquo, haud profundo immerso, marginibus callo mediocri junctis. — Diam. maj. 72, min. 64, alt. 27, apert. c. perist. lat. 45, alt. 34 mill.» (D.)

*Cochlostyla* (Axina) *Garibaldiana Dohrn et Semp.* in Malak. Bl. IX. 1862. p. 206.

*Helix Garibaldiana* Pfr. Novit. conch. p. 219. Nr. 322. t. 58. f. 1. 2.

Habitat in parte boreali insulae Luzon (Dr. C. Semper).

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1996. (1498.) **Zebuensis Brod.** (Coll. Nr. 983.) Axina A<sup>2</sup>. 171. — *Helicostyla* (Axina) *zebuensis* Mörch in Journ. Conch. XIII. p. 385. — Philippin. (I. 296.)

1997. (1499.) **Thersites Brod.** (Coll. Nr. 984.) Corasia A<sup>2</sup>. 170. — Mindoro. (I. 299.)

1998. (1500.) **nasuta Metc.** — *Ryssota? nasuta* Wallace in Proc. Zool. Soc. 1865. p. 407. — *Nanina nasuta* Mart. Osiat. Zool. II. p. 224. (Naninae ob affinitatem cum *N. amphidroma* et *Jano* adscripta.) — Borneo. (III. 203.)

1999. (1501.) **conformis Fér.** — *Corasia conformis* Wallace in Proc. Zool. Soc. 1865. p. 412: Nova Guinea. (I. 297. III. 203.)

2000. (1502.) **Lais Pfr.** — Corasia A<sup>2</sup>. 170. — Philippin. (III. 647.)

2001. (1503.) **puella Brod.** (Coll. Nr. 985.) Corasia A<sup>2</sup>. 170. — Philippin. (I. 298.)

2002. (1504.) **Broderipi Pfr.** (Coll. Nr. 986.) Corasia A<sup>2</sup>. 471. — Philippin. (I. 298.)

2003. **H. Elisabethae O. Semper. †**

«Testa viride cyaneo-smaragdina, subpellucens, nitida, imperforata, depressa, tenuissima, subtiliter retrorsum striata, lineis minutissimis undulatis subdecussata; spira depressissima, planata; anfr. 4 planati, rapide crescentes, ultimus acutissime carinatus, carina albicante; apertura angulato-securiformis; peristoma simplex, tenue, albicans, margine supero expanso, ad carinam producto, basali subreflexo, in medio abrupte incurvo, columellari calloso, reflexo. — Alt. 14, lat. 38 mill.» (S.)

*Cochlostyla* (Corasia) *Elisabethae O. Semp.* in Journ. Conch. XIV. 1866. p. 261. t. 8. f. 2.

Habitat Calayan insulae Luzon (Dr. C. Semper).

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2004. (1505.) **Reginae Brod.** (Coll. Nr. 987.) Corasia A<sup>2</sup>. 470. — *H. smaragdina Grat.* — Philippin. (I. 299.)

2005. (1506.) **Gmeliniana Pfr.** — Chloraea A<sup>2</sup>. 470. — Philippin. (I. 300.)

2006. (1507.) **fibula Brod.** (Coll. Nr. 988.) Chloraea A<sup>2</sup>. 470. — *Helicostyla* (Thersites) *fibula Mörch* in Journ. Conch. XIII. p. 385. — Philippin. (I. 300.)

2007. (1508.) **Hügeli Pfr.** (Coll. Nr. 989.) Chloraea A<sup>2</sup>. 470. — *H. bifasciata Pfr.* olim. — Philippin. (I. 300.)

2008. (1509.) **Hanleyi Pfr.** (Coll. Nr. 990.) Chloraea A<sup>2</sup>. 470. — Philippin. (I. 301.)

§. 98.

2009. (1510.) **Leachi Fér.** — *Leucochroa Leachii* A<sup>2</sup>. 79. — *H. Tripolitana Wood.* — Africa bor. (I. 294.)

2010. **H. Paivana Lowe. †**

«T. parvula solidiuscula depressa *distincte carinata mal-leata* lucidiuscula laevigata oblique *distincte* v. argute crebri-striata interstitiis hinc inde obsoletissime spiraliter interruptim striolatis, supra *fusco-nigrescens* fasciis continuis obscuris, sub-tus fulvo-virescens; spira convexo-depressa, anfr. 4—4½ planiusculis, ult. *distincte carinato* antice deflexo, sutura distincta; apert. obliqua depressa deltoidea subsinuata; perist. latissime expanso-limbato plano tenui fragillimo purpurascens ad basin strictiusculo intus dilatato-callosus v. *horizontaliter subplicatus* v. *excavatus* albo, *labris subparallelis* disjunctis. — Diam. maj. 18—20, min. 16—17, alt. 12—13 mill. (*H. Bethencourtiana* Mus. Cuming, non *Shuttl.*) L.)

*Helix Paivana (Mycena) Lowe* in Ann. and Mag. n. h. 3d. ser. VII. 1861. p. 110.

Habitat in insula Teneriffa.

Obs. Proxime affinis *H. psathyrae* Nr. 1955.

### §. 99.

#### 2011. **H. Aphrodite Pfr.**

«*T. imperforata*, depressa, tenuis, striatula et sub lente obsoletissime decussatula, pellucida, nitida, pallide straminea; spira parum elata, vertice minuto, obtuso; sutura albo-marginata; anfr.  $3\frac{1}{2}$  rapide accrescentes, convexiusculi, ultimus acute albo-carinatus, antice vix descendens, constrictus, subtus convexus; apertura obliqua, securiformi-lunaris; columella plana, compressa, arcuatim descendens; perist. candidum, breviter reflexum, marginibus convergentibus, supero subflexuoso. — Diam. maj. 36, min.  $27\frac{1}{2}$ , alt. 15 mill. (Mus. Cuming.)

*Helix Aphrodite Pfr.* in Proc. Zool. Soc. 1859. p. 26. t. 44. f. 2. (Malak. Bl. 1859. p. 27.)

Habitat in Nova Caledonia.

#### 2012. **H. Anadyomene Adams et Angas. †**

«*H. testa orbiculari*, depresso-conica, imperforata, alba, epidermide tenui straminea pellucida oblecta; anfractibus 4, planis, longitudinaliter tenuissime striatis; ultimo antice dilatato, ad peritrema constricto, ad peripheriam angulato et carina filiformi conspicua ornato; apertura subquadrata; labio callo umbilici regionem tegente; labro in medio angulato, margine valde reflexo et incrassato. — Long. 6 lin., lat. 4 poll.» (A.)

*Helix Anadyomene Ad. et Ang.* in Proc. Zool. Soc. 1864. p. 38.

Habitat Guadalcanar insularum Salomonis.

### §. 100.

2013. (1511.) **lampas Müll.** — Phania A<sup>2</sup>. 157. — Habitat? (I. 292.)

2014. (1512.) **pyrostoma Fér.** (Coll. Nr. 991.) Phania A<sup>2</sup>. 157. — Mart. Ostas. Zool. II. p. 325. t. 17. f. 4. — Habitat in insula Gilolo. Conf. Pfr. in Malak. Bl. 1860. p. 64. — *Phania pyrostoma Mörch* in Journ. Conch. XIII. p. 384, *Wallace* in Proc. Zool. Soc. 1865. p. 408 cum var. peristomate flavescens: Bat-chian. (I. 295.)

2015. (1513.) **Spengleriana Pfr.** (Coll. Nr. 992.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (I. 292.)



2016. **H. Apollo Pfr.**

T. imperforata, subturbinato-depressa, carinata, solida, oblique striata et sub lente minutissime granulata, opaca, lutea vel fulva, lineis fuscis irregulariter circumdata; spira breviter conoidea, obtusa; anfr.  $4\frac{1}{2}$  vix convexiusculi, ultimus compressus carinatus, antice breviter deflexus, basi convexus; apertura subdiagonalis vel perobliqua, rhombeo-lunaris, intus lactea; perist. incrassatum, album, breviter reflexum, margine basali dilatato, in regione umbilicali adnato, tuberculo elongato prope insertionem praedito. — Diam. maj. 46—51, min. 39—43, alt. 22—23 mill. (Coll. Nr. 993.)

*Helix Apollo Pfr.* in Proc. Zool. Soc. 1860. p. 133. t. 50. f. 9.  
(Malak. Bl. 1860. p. 13.)

Habitat «Yunque de Baracoa» insulae Cubae (Gundlach).

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2017. (1514.) **Carmelita Fér.** (Coll. Nr. 994.) Pleurodonta A<sup>2</sup>. 153. — *H. mora Gray, Redfieldiana Ad.* — Jamaica. (I. 295.)

2018. (1515.) **angistoma Fér.** (Coll. Nr. 995.) *H. anchistoma* (Caracolus) A<sup>2</sup>. 156. — Haiti. (I. 24.)

2019. (1516.) **rostrata Pfr.** (Coll. Nr. 996.) *Pfr.* in Malak. Bl. 1860. p. 15. — Caracolus A<sup>2</sup>. 156. — Cuba. (I. 22.)

2020. (1517.) **marginelloides Orb.** (Coll. Nr. 997.) *Pfr.* in Malak. Bl. 1858. p. 38; 1862. p. 10. — Caracolus A<sup>2</sup>. 156. — Var. umbilicata: *H. transitoria Pfr.* Mon. IV. p. 304; Malak. Bl. 1858. p. 39 (Caracolus A<sup>2</sup>. 156). — Cuba. (IV. 237.)

2021. (1518.) **Arangiana Poey.** (Coll. Nr. 998.) *Pfr.* in Malak. Bl. 1859. p. 82. — *H. marginata Born.* — *H. Sagemon Beck et Auct.* ex parte. Conf. Malak. Bl. 1858. p. 38. — Caracolus A<sup>2</sup>. 156. — *H. marginatoides Orb.* — Cuba. (I. 22: *Sagemon*.)

2022. (1519.) **Mina Pfr.** (Coll. Nr. 999.) *Pfr.* in Malak. Bl. 1859. p. 82. — Caracolus A<sup>2</sup>. 156. — *H. marginata Orb., Sagemon Poey.* — Habitat Guantánamo Cubae. (III. 205.)

2023. (1520.) **Pazensis Poey.** (Coll. Nr. 1000.) *Pfr.* in Malak. Bl. 1858. p. 174; 1859. p. 82; 1862. p. 9. — Caracolus A<sup>2</sup>. 156. — Cuba. (IV. 238.)

2024. (1521.) **Gutierrezzi Poey.** (Coll. Nr. 1001.) *Pfr.* in Malak. Bl. 1859. p. 82; 1862. p. 10; 1866. p. 56. — Caracolus A<sup>2</sup>. 156. — Cuba. (IV. 239.)

2025. **H. jactata Gundlach.**

T. obtecte umbilicata, conoideo-convexa, solida, carinata, superne distincte et conferte striata, striisque spiralibus eleganter granulata, lutescens, superne fasciis 2 latis nigris ornata; spira convexa, apice obtusa, pallida; sutura submarginata; anfr. fere 5 convexiusculi, ultimus antice breviter descendens, subtus sublaevigatus, fascia 1 lata notatus; carina saepe linea castanea notata magis minusve acuta, antice evanescens; apertura perobliqua, subrhombeo-lunaris; perist. incrassatum,

album, breviter reflexum, marginibus callo crasso junctis, columellari declivi, leviter arcuato. — Diam. maj. 34, min. 30, alt. 17 mill. (Coll. Nr. 1002.)

*Helix jactata* Gundl. mss.; Pfr. in Malak. Bl. V. 1858. p. 175.  
Habitat in parte orientali insulae Cubae.

#### 2026. **H. Schwartziana** Pfr.

T. imperforata, conoideo - semiglobosa, solida, carinata, striatula, nigricans, fascia suturali alba ornata; spira elata, vertice albo, obtuso; anfr. 5 vix convexiusculi, regulariter accrescentes, ultimus subacute carinatus, carina antice evanescente vel obtusissima, antice breviter descendens, basi planiusculus, medio albus; apertura fere horizontalis, irregulariter lunaris; perist. callosum, album, marginibus callo crasso junctis, supero expanso, basali dilatato, reflexo. — Diam. maj. 30—34, min. 26, alt. 15—17 mill. (Coll. Nr. 1003.)

*Helix Schwartziana* Pfr. in Malak. Bl. XI. 1864. p. 125.

— — Pfr. Novit. conch. I. p. 269. Nr. 380.  
t. 67. f. 1. 2.

Habitat Jojó insulae Cubae (Jeanneret).

#### 2027. **H. patricia** Pfr.

T. imperforata, subdepressa, solida, carinata, superne oblique striata et irregulariter malleato - impressa, sub epidermide . . . alba; spira convexa, apice obtusa; sutura linearis; anfr.  $4\frac{1}{2}$  regulariter accrescentes, convexiusculi, ultimus superne convexior, antice deflexus, infra carinam prominentem, acutam, antice funiformem minus convexus, liris spiralibus et plicis radiantibus sculptus; apertura diagonalis, rotundato-rhombea; perist. album, nitidum, expansum et breviter reflexum, marginibus callo albo junctis, columellari intrante, declivi, dilatato, planiusculo. — Diam. maj. 63, min. 55, alt. 35 mill. (Mus. Cuming.)

*Helix patricia* Pfr. in Proc. Zool. Soc. 1859. p. 23. t. 44.  
f. 4. (Malak. Bl. 1859. p. 27.)

— — Pfr. Novit. conch. p. 155. Nr. 250. t. 44. f. 4.

Habitat . . . ?

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2028. (1522.) **angulata** Fér. (Coll. Nr. 1004.) Eurycratera A<sup>2</sup>. 147. — Portorico. (I. 297.)

2029. (1523.) **obliterata** Fér. — Eurycratera A<sup>2</sup>. 147. — Portorico. (I. 297.)

2030. (1524.) **casta** Pfr. — Ins. Philippin. (III. 206.)

2031. (1525.) **Neogranadensis** Pfr. — Isomeria A<sup>2</sup>. 155. — Nova Granada. (I. 296.)

2032. (1526.) **angustata Fér.** (Coll. Nr. 1005.) Eurycratera A<sup>2</sup>. 147. — Haiti. (I. 299.)  
 2033. (1527.) **Guillarmodi Shuttl.** (Coll. Nr. 1006.) Mexico. (III. 206.)  
 2034. (1528.) **squamosa Fér.** (Coll. Nr. 1007.) Thelidomus A<sup>2</sup>. 144. — *H. macularia* Lam. — Portorico. (I. 294. IV. 239.)  
 2035. (1529.) **lugubris Jan.** † — America meridionalis. (I. 301.)

## §. 101.

2036. (1530.) **Bainbridgei Pfr.** (Coll. Nr. 1008.) Pleurodonta A<sup>2</sup>. 153. — Demerara? (I. 313.)  
 2037. (1531.) **pretiosa Ad.** (Coll. Nr. 1009.) Jamaica. (IV. 240.)  
 2038. (1532.) **abnormis Pfr.** — Pleurodonta A<sup>2</sup>. 153. — Jamaica. (IV. 240.)  
 2039. (1533.) **cepoides Lea.** (Coll. Nr. 1010.) Styloodon A<sup>2</sup>. 150. — *H. dolium* Sow. — Philippin. (I. 302.)  
 2040. (1534.) **aspera Fér.** (Coll. Nr. 1011.) Thelidomus A<sup>2</sup>. 143. — *H. granosa* Wood. — Jamaica. (I. 310.)  
 2041. (1535.) **discolor Fér.** (Coll. Nr. 1012.) Thelidomus A<sup>2</sup>. 143. — *Drouët* Moll. Guyan. p. 55: Cayenne. (I. 265.)  
 2042. (1536.) **exceptiuncula Fér.** — Planispira A<sup>2</sup>. 160. — *Mart. Ostas. Zool. II. p. 296.\**) t. 18. f. 3. — Molucc. (I. 311.)

2043. **H. Phryne Pfr.**

T. imperforata, depressa, tenuiuscula, epidermide tenui, brevisetosa obducta, albida, fasciis fuscis et nigricantibus varie ornata; spira vix elevata, superne planata; anfr.  $4\frac{1}{2}$  convexiusculi, celeriter accrescentes, ultimus subinflatus, antice breviter deflexus, basi pallide fusco late areolatus; apertura perobliqua, truncato-ovalis; perist. album, marginibus subconniventibus, supero expanso et latere dextro late revoluta, basali reflexo, prope insertionem intus tuberculo minuto dentiformi instructo, loco umbilici in laminam affixam dilatato. — Diam. maj. 26, min. 20, alt. 12 mill. (Coll. Nr. 1013.)

*Helix exceptiuncula* var. *Fér.* Hist. t. 73 A. f. 1.

— *Phryne* Pfr. in Proc. Zool. Soc. 1861. p. 386. t. 37. f. 7.

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\*) «Testa adulte imperforata, globosa, tota pilis brevibus rigidis sat distantibus pubescens, isabellina, fasciis fuscis plerumque 4 picta; facie inferiore plerumque dilute brunnea; spira usque ad anfractum penultimum plana; anfr.  $4\frac{1}{2}$ , superiores convexiusculi, ultimus inflatus, rotundatus, antice sensim usque ad fasciam ultimam descendens; apertura valde obliqua, lunato-semiovata; peristoma crassum, album, reflexum, marginibus conniventibus, columellari valide unidentato, ad insertionem in callum umbilicalem nitidum dilatato. — Diam. maj. 25—26, min. 19—20, alt. 13— $16\frac{1}{2}$ ; apert. long. 15— $17\frac{1}{2}$ , lat.  $12\frac{1}{2}$ — $13\frac{1}{2}$  mill. incl. perist. — Var.  $\beta$ . elatior, anfr. penultimo prominulo (*Aspasia Adams*).» (v. M.)

*Planispira Phryne* Wallace in Proc. Zool. Soc. 1865. p. 409.  
Habitat Ternate, Gilolo (Wallace).

Obs. Differt ab *H. exceptiuncula* (Fér. t. 70. f. 1.) praeter epidermidem setosam (in illa vivente etiam existente) spira multo minus elata, anfr. ultimo minus inflato, apertura obliquiore et magis ovali, perist. latius expanso, dente columellari minuto.

2044. **H. Aspasia H. Adams.** †

«T. imperforata, globoso-depressa, tenuiscula, epidermide luteo-fulva, pallido-fusca, fascia nigricanti et unica latiore alba ad suturam ornata; spira parum elevata, vertice planata; anfr.  $4\frac{1}{2}$ , convexiusculi, celeriter accrescentes, ultimus breviter descendens; apertura obliqua, ovalis; perist. album, marginibus conniventibus, late expansum et reflexum, basali reflexo, intus tuberculo prominente instructo. — Diam. maj. 26, min. 20, alt. 15 mill.» (A.)

*Helix* (Planispira) *Aspasia H. Adams* in Proc. Zool. Soc. 1865. p. 415.

— *exceptiuncula* var. *Mart.* Ostas. Zool. II. p. 297.  
Habitat in insula Batchian (Wallace).

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2045. (1537.) **monodonta** Lea. (Coll. Nr. 1014.) Plagioptycha A<sup>2</sup>. 145.  
— Haiti. (I. 312.)

2046. (1538.) **suffulta** Bens. † — Erepta A<sup>2</sup>. 150. — Ins. Mauritii. (IV. 241.)

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2047? (1539.) **magica** Fér. † — Habitat? (I. 302.)

2048. (1540.) **malleata** Fér. (Coll. Nr. 1015.) Hemicycla A<sup>2</sup>. 137. —  
*H. bidentalis* Lam. — Teneriffa. (I. 312. III. 207.)

2049. (1541.) **Glasiana** Shuttl. (Coll. Nr. 1016.) Hemicycla A<sup>2</sup>. 137. —  
*H. pellis lacerti* Reeve. — Teneriffa. (I. 208: *malleata* β.)

2050. (1542.) **nucleola** Rang. (Coll. Nr. 1017.) Dentellaria A<sup>2</sup>. 151. —  
Martinique. (I. 306.)

2051. (1543.) **crassidens** Pfr. — *H. nucleola* var. A<sup>2</sup>. 151. (IV. 242.)

2052. (1544.) **formosa** Fér. (Coll. Nr. 1018.) Dentellaria A<sup>2</sup>. 151. —  
*H. lenocinia* Fér. — Antigua. — β. Minor, anfractu ultimo carinato; diam. maj.  $18\frac{1}{2}$ , min.  $15\frac{1}{2}$ , alt. 9 mill. (Insula Barbuda: Bland.) (I. 308.)

2053. (1545) **parilis** Fér. (Coll. Nr. 1019.) Dentellaria A<sup>2</sup>. 151. —  
Guadeloupe. (I. 308.)

2054. (1546.) **pseudoparilis** Grat. † — Brasilia. (?) (I. 308.)

2055. **H. trizonaloides** Brown. †

«T. imperforata, globosa, solida, oblique striata (pallide cornea?) zonis 3 castaneis cingulata; spira elevata; anfr. 5, convexiusculis, ultimo pone labrum scrobiculato intus tuberculum formante; apertura perobliqua, ovata, intus bidentata,

dente altero ad marginem basalem, altero intra aperturam; perist. albo, late reflexo, umbilicum tegente. — Diam. maj. 24, min. 17, alt. 12 mill.» (Br.)

*Helix trizonaloides* Brown in Proc. Ac. Philad. Oct. 1864.  
p. 333. (Malak. Bl. 1864. Lit. p. 46.)

Habitat in insula Haiti?

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2056. (1455.) **xanthodon** Ant. — Pfr. Mon. IV. p. 229. — Oran Africae borealis. (I. 275.)

2057. (1463 a.) **tigri** Gerv. † — Pfr. Mon. IV. p. 348. — Macularia A<sup>2</sup>. 433. — *H. Maresi* Crosse in Journ. Conch. X. 1862. p. 154. (Nomen minus aptum mutatum.) — *H. Tigriana* Bourg. Paléont. alg. p. 53. t. 1. f. 4. 5; Malac. Algér. Fasc. II. 1863; Rev. et Mag. Zool. XV. 1863. p. 404. t. 5. f. 4—8. — Algeria.

### 2057 a. **H. Burini** Bourguignat. †

«Testa imperforata, convexo-globulosa, nitida, eleganter striatula, albida ac 4 zonis fuscis munita; spira conoidea; apice laevigato, nitido, obtuso; anfractibus 6 convexiusculis, regulariter crescentibus, sutura parum impressa separatis; ultimo rotundato, subtus convexo, ad aperturam valide perdeflexo-descendente; apertura perobliqua lunato-oblonga, intus albida, bidentata; peristomate intus paululum incrassato, vix subpatulo; dente elongatissimo lamelliformi intus in margine externo; margine columellari calloso late reflexo, ac dentem acuto-tuberculosum praebente; marginibus tenui callo junctis. — Alt. 19, diam. 27 mill.» (B.)

*Helix Burini* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 400.  
t. 5. f. 9—12; Malac. Algér. Fasc. II.

Habitat in parte meridionali provinciae Oranensis Algeriae.

### 2057 b. **H. Dastuguei** Bourguignat. †

«Testa obtecte perforata, depressa, solida, nitida, striatula, albida ac 4 zonis fuscis adornata; spira parum convexa; apice laevigato, nitido, obtuso; anfractibus 5½ convexiusculis, regulariter ac sat celeriter crescentibus, sutura parum impressa separatis; ultimo rotundato, subtus paululum compresso-complanato, ad aperturam subito valde descendente; apertura obliqua, lunato-oblonga, intus albida, bidentata; dente valido lamelliformi intus in margine externo; margine columellari crasso, calloso, reflexo, perforationem tegente, ac dentem tuberculosum praebente; peristomate paululum incrassato ac subpatulo; marginibus tenui callo albido junctis. — Alt. 15, diam. 27 mill.» (B.)



*Helix Dastuguei* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 102.  
t. 6. f. 4—5; Malac. Algér. Fasc. II.

Habitat in oasi meridionali provinciae Oranensis (Dastugue).

2057 c. **H. embia Bourguignat.** †

«Testa obtecte perforata, subgloboso-depressa, solida, cretacea, striatula; albida; spira convexa; apice laevigato, nitido; anfractibus  $5\frac{1}{2}$  convexiusculis, regulariter crescentibus, sutura parum impressa separatis; ultimo rotundato, subtus paululum compressiusculo, ad aperturam subito valde descendente; apertura obliqua, bidentata, irregulariter lunato-oblonga; peristomate incrassato, continuo, crasso, reflexo; margine exteriori denticulato; margine columellari calloso, reflexo, perforationem semper omnino tegente, ac dente crasso, tuberculoso, ornato; marginibus valido callo junctis. — Alt. 15, diam. 23 mill.» (B.)

*Helix embia* Bourg. in Rev. et Mag. Zool. XV. 1863. p. 100.  
t. 5. f. 1—3; Malac. Algér. Fasc. II.

Habitat in insula Habibas ad oram Algeriae, inter Cherchell et Oran.

§. 102.

2058. (1547.) **cepa Müll.** (Coll. Nr. 1020.) Cepolis A<sup>2</sup>. 152. — *H. impressa* Blainv. — Haiti. (I. 303.)

2059. (1548.) **calomorpha Jan.** † — Isomeria A<sup>2</sup>. 155. — Habitat? (I. 315.)

2060. (1549.) **cymatodes Pfr.** (Coll. Nr. 1021.) Isomeria A<sup>2</sup>. 155. — Quito. (III. 208.)

2061. **H. aequatoria Pfr.**

T. imperforata, conoideo-depressa, solida, striatula et subtilissime punctato-granulata, subcarinata, saturate castanea; spira convexo-conoidea; anfr. 5 convexiusculi, ultimus antice deflexus, rotundatus, turgidus; apertura perobliqua, sinuato-lunaris; perist. fusco-carneum, incrassatum, reflexum, marginibus callo funiculari junctis, supero arcuato, intus calloso (callo ad dextram abrupte desinente), dextro acute unidentato, basali dilatato, subappresso, intus medio tuberculo valido compresso munito. — Diam. maj. 38, min. 32, alt. 20 mill. (Coll. Nr. 1022.)

*Helix aequatoria* Pfr. in Proc. Zool. Soc. 1860. p. 133. t. 50.  
f. 6. (Malak. Bl. 1860. p. 236.)

Habitat in republica Aequatoris (Fraser).



2062. **H. equestrata Moricand.** †

«H. testa subobtectè umbilicata, subglobosa, solida, striata, minutissime granulata, castanea; spira parum elevata, vertice obtuso, sutura impressa, anfract. 5 vix convexiusculis, regulariter accrescentibus; ultimus parum carinatus descendens; apertura perobliqua, tetragona; peristom. crasso, albo, reflexo, marginibus callo crasso junctis, dente obtuso conico munito. — Diam. maj. 36, min. 34, alt. 17 mill.» (M.)

*Helix equestrata Moric.* in Rev. et Mag. Zool. 1858. p. 449.  
t. 13. f. 4.

Habitat Moyobamba Peruviae.

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2063. (1550.) **Juno Pfr.** (Coll. Nr. 1023.) Isomeria A<sup>2</sup>. 156. — Columbia. (III. 208.)

2064. (1551.) **Meobambensis Pfr.** — Moyobamba Peruviae. (IV. 243.)

2065. (1552.) **Okeniana Pfr.** (Coll. Nr. 1024.) Pleurodonta A<sup>2</sup>. 153. — *H. fortis* Ad. — Jamaica. (I. 344.)

2066. (1553.) **lucerna Müll.** (Coll. Nr. 1025.) Pleurodonta A<sup>2</sup>. 152. — Jamaica. (I. 345.)

2067. **H. Julia Férussac.**

T. imperforata, turbinato-semiglobosa, solida, striatula et undique minute granulata, fusca, fascia pallida supra medium notata; spira convexo-conoidea, vertice obtuso; sutura linearis, submarginata; anfr. 5½ vix convexiusculi, lente accrescentes, ultimus utrinque convexior, medio obtuse angulatus, antice parum deflexus, basi profunde bicrobiculatus; apertura perobliqua, oblique lunaris; perist. incrassatum, marginibus remotis, callo crasso junctis, dextro sublate expanso, basali bidentato (dentibus subapproximatis, erectis, crassis, dextro validissimo), reflexo, appresso. — Diam. maj. 33, min. 28, alt. 19 mill. (Coll. Nr. 1026.)

*Helix Julia* (Helicodonta) *Fér.* Prodr. p. 35. Nr. 127; Hist. t. 56 B. f. 4. (*Pfr.* in Malak. Bl. XIV. 1867. p. 128.)

— *lucerna* var. β *Pfr.* Mon. Helic. I. p. 345.

Habitat in insula Jamaica.

Obs. Species ab omnibus *H. acutae* et *lucernae* varietatibus praeter formam elatam praecipue dentium basalium positione et forma (fere ut in *H. lychnucho* Müll.) distinguitur.

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2068. (1554.) **Bourcieri Pfr.** (Coll. Nr. 1027.) Isomeria A<sup>2</sup>. 156. — *H. bituberculata* Reeve. — Respubl. Aequatoris. (III. 209.)

2069. (1555.) **valida Adams.** (Coll. Nr. 1028.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (III. 210.)

2070. (1556.) **Bronni Pfr.** (Coll. Nr. 1029.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. — Excludatur var. β. (I. 305. III. 210.)

2071. **H. Sloaneana Shuttleworth.**

T. imperforata, depresse semiglobosa, solida, superne obsolete, subtus distinctius granulata, violaceo-castanea; spira convexa, obtusa; anfr. 5 vix convexiusculi, regulariter accrescentes, ultimus medio subcarinatus, pallide cingulatus, antice deflexus, subtus planiusculus, antice profunde scrobiculatus; apertura fere horizontalis, transverse oblonga; perist. callosum, sordide carneum, expansum et reflexum, marginibus callo junctis, basali dentibus 4 (2 prope insertionem minoribus, 2 reliquis majoribus, erectis, basi junctis) munito. — Diam. maj. 28, min. 23, alt. 13 mill. (Coll. Nr. 1030.)

*Helix Sloaneana Shuttl.* (Pleurodonta) *Alb. Helic.* ed. *Mart.* p. 153.

— *Schröteriana* *Reeve* *Conch. ic.* t. 50. f. 236. Nec *Pfr.*

— *Bronni* β *Pfr.* *Mon. Helic.* IV. p. 243.

Habitat in insula Jamaica.

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2072. (1557.) **atavus Shuttl.** — Pleurodonta A<sup>2</sup>. 153. — *H. fortis* *Reeve.* — Jamaica. (IV. 243.)

2073. (1558.) **sinuata Müll.** (Coll. Nr. 1031.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (I. 305. III. 210.)

2074. (1559.) **strangulata Adams.** (Coll. Nr. 1032.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (III. 211.)

2075. (1560.) **Simson Pfr.** — Pleurodonta A<sup>2</sup>. 153. — *H. consanguinea* *Reeve?* — Jamaica. (III. 211.)

2076. (1561.) **picturata Adams.** (Coll. Nr. 1033.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (III. 212.)

2077. (1562.) **invalida Adams.** (Coll. Nr. 1034.) Pleurodonta A<sup>2</sup>. 153. — *H. candescens* *Ad.* — Pleurodonta *invalida* *Mörch* in *Journ. Conch.* XIII. p. 389. — Jamaica. (III. 212.)

2078. (1563.) **propenuda Adams.** † — *H. sinuata* var. A<sup>2</sup>. 153. — Jamaica. (III. 212.)

2079. **H. Browneana Pfr.**

T. imperforata, depressa, sublentiformis, solida, subcarinata, striatula, nitida, superne fuscula, suturatus fasciata, basi alba, fascia unica castanea ornata; spira parum elevata, obtusa; anfr. fere 5 convexiusculi, sensim accrescentes, ultimus angulatus, antice vix descendens, basi pone aperturam triscrobiculatus; apertura perobliqua, subauriformis; perist. album, reflexum, margine basali quadridentato: dentibus 2 dextris approximatis erectis, tertio minore, quarto prope columellam minimo. — Diam. maj. 23½, min. 20½, alt. 11 mill. (Coll. Bland.)

*Helix Browneana Pfr.* in *Malak. Bl.* IX. 1862. p. 152.

*Helix Browneana* Pfr. Novit. conch. I. p. 244. Nr. 346. t. 57.  
f. 4—3.

Habitat in insula Jamaica.

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2080. (1564.) **nux denticulata** Chemn. (Coll. Nr. 4035.) Dentellaria A<sup>2</sup>. 454. — *Drouët* Moll. Guyan. p. 53: Cayenne. — *H. punctata* Born, *hippocastanum* Lam. — Martinique. (I. 306: *punctata*.)

2081. (1565.) **obesa** Beck. (Coll. Nr. 4036.) Dentellaria A<sup>2</sup>. 454. — Martinique, Guadeloupe. (I. 307.)

2082. (1566.) **dentiens** Fér. (Coll. Nr. 4037.) Dentellaria A<sup>2</sup>. 454. — *Drouët* Moll. Guyan. p. 54: Cayenne. — Martinique, Guadeloupe. (I. 307.)

2083. **H. Isabella Férussac.**

T. imperforata, subsemiglobosa, solidula, oblique leviter striata, isabellina, plerumque magis minusve distincte rufo-bifasciata; spira convexa, obtusa; anfr. 4½—5 convexiusculi, ultimus convexior, peripheria obsolete subangulatus, antice vix tumidulus, sensim descendens, basi planiusculus; apertura perobliqua, irregulariter lunato-oblonga; perist. hepaticum, subincrassatum, breviter expansum, marginibus callo crassiusculo junctis, dextro arcuato, basali callo transverso vix dentato. — Diam. maj. 24—24, min. 18—20, alt. 11⅔—13 mill. (Coll. Nr. 4038.)

*Helix Isabella* (Helicogena) Fér. Prodr. Nr. 87; Hist. t. 47. f. 2.

— — Chemn. ed. II. Helix p. 76. Nr. 48. t. 10. f. 1. 2.

— — Pfr. Mon. Helic. I. p. 307. Nr. 802.

— — *Drouët* Moll. Guyane franç. p. 54.

— — Reeve Conch. ic. sp. 249. t. 52.

— *barbadensis* Lam. 49. p. 78. Ed. Desh. p. 48.

— — «Guild.» Pfr. Mon. I. p. 340. Nr. 840. (*H. Guildingi* Pfr. olim.)

— *dentiens* var. Desh. in Fér. Hist. p. 148.

— — — Pfr. Mon. Hel. III. p. 213.

Habitat in insula Barbados et circa Cayenne (*Drouët*).

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2084. (1567.) **castrensis** Pfr. — Novit. conch. p. 409. — Dentellaria A<sup>2</sup>. 454. — Ind. occid. (IV. 244.)

2085. (1568.) **nigrescens** Wood. (Coll. Nr. 4039.) Dentellaria A<sup>2</sup>. 454. — *H. fuliginæa* Fér. — Guadeloupe. (I. 309.)

2086. (1569.) **pachygastra** Gray. (Coll. Nr. 4040.) Dentellaria A<sup>2</sup>. 454. — *H. dolata* Fér. — Guadeloupe. (I. 309.)

2087. (1570.) **badia** Fér. (Coll. Nr. 4044.) Dentellaria A<sup>2</sup>. 454. — *Drouët* Moll. Guyan. p. 54: Cayenne. — Martinique, Guadeloupe. (I. 309.)

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2088. (1571.) **bidens** Chemn. (Coll. Nr. 4042.) Petasia A<sup>2</sup>. 402. — *Bielz* Faun. Siebenb. p. 55. — *H. bidentata* Gmel., *Kalenicz.* in

Bull. Mosc. XXVI. 2. p. 74. — *Hygromia* (Perforatella) *bidens* Mörch Moll. Dan. p. 17; Journ. Conch. XIII. p. 383. — Var.: *H. diodon* Parr., *dibothrion* Friv. — Europa media passim. (I. 151.)

2089. (1572.) **bicallosa** Friv. (Coll. Nr. 1043.) Petasia A<sup>2</sup>. 402. — Sibiria. (III. 638.)

### §. 403.

2090. (1573.) **unidentata** Chemn. (Coll. Nr. 1044.) Stylodon A<sup>2</sup>. 450. — *H. microdonta* Desh., *ventricosa* Jan. — Ins. Sechell. (I. 303.)

2091. (1574.) **militaris** Pfr. — Stylodon A<sup>2</sup>. 450. — Ins. Sechell. (IV. 245.)

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### 2092. (1575.) **H. imperator** Montfort.

T. obtecte umbilicata, lenticularis, carinata, solida, striis incrementi irregulariter rugata, pallide fulvida, superne lineis spiralibus confertis fuscis ornata, subtus radiata, infra carinam plerumque saturate fusco unifasciata; spira magis minusve conoideo-elevata, vertice minuto, obtusulo; anfr. 5 parum convexi, ultimus antice vix descendens, basi convexus; apertura perobliqua, lunaris, intus albida, nitida; perist. album vel carneum, incrassatum, breviter reflexum, intus dentibus obtusis, inaequalibus 7—12 subcontiguis armatum. — Diam. maj. 53—63, min. 45—53, alt. 24—28 mill. (Coll. Nr. 1045.)

*Helix imperator* Mouss., Pfr. Mon. Helic. I. p. 302. IV. p. 245.

— — Pfr. in Malak. Bl. VII. 1860. p. 12.

— — (Polydontes) Alb. Helic. ed. Mart. p. 148.

Habitat Mata in parte orientali insulae Cubae.

Obs. Eximie variat quoad dentium numerum et formationem. — Specimina perfecte adulta haud raro umbilico aperto magis minusve amplo praedita sunt.

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2093. (1576.) **Chemnitziana** Pfr. — Pleurodonta A<sup>2</sup>. 452. — *H. fluctuata* Ad. — Jamaica. (I. 304.)

2094. (1577.) **ingens** Adams. — Pleurodonta A<sup>2</sup>. 452. — Jamaica. (III. 214.)

2095. (1578.) **acuta** Lam. (Coll. Nr. 1046.) *H. Lamarckii* Fér. — *H. acutissima* Desh. (Pleurodonta) A<sup>2</sup>. 452. — *Pleurodonta Lamarckii* Mörch in Journ. Conch. XIII. p. 389. — Jamaica. — Var.: *H. heteroclites* Lam. (I. 313. III. 214.)

### 2096. **H. subacuta** Pfr.

T. imperforata, depresso-turbinata, solida, carinata, oblique striata et superne dense granulata, fusca, ad peripheriam atrovirens; spira conoidea, obtusa; sutura minutissime subcrenulata; anfr. 5, superi planiusculi, ultimus subacute carinatus,

antice non descendens, utrinque subinflatus; apertura perobliqua, subtriangulari-lunata, intus albida, nitidissima; perist. album, incrassatum, marginibus remotis, callo intrante junctis, dextro breviter expanso, basali bidentato (dentibus remotis, dextro validiore, marginali, altero profundiore, obliquo), per dilatato, appresso. — Diam. maj. 42, min. 39, alt. 24 mill. (Coll. Nr. 1047.)

*Helix subacuta* Pfr. in Malak. Bl. XIV. 1867. p. 127.

Habitat in insula Jamaica (W. T. March teste Bland).

Obs. Species *H. Carmelitae* Fér. persimilis, sed peristomate bidentato propius ad *H. acutam* Lam. accedens.

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2097. (1579.) **patina** Adams. (Coll. Nr. 1048.) *H. acutissima* var. A<sup>2</sup>. 152. — Jamaica. (III. 215.)
2098. (1580.) **nobilis** Adams. † — *H. acutissima* var. A<sup>2</sup>. 152. — Jamaica. (III. 215.)
2099. (1581.) **peracutissima** Adams. (Coll. Nr. 1049.) Pleurodonta A<sup>2</sup>. 153. — *H. straminea* Alb. — Jamaica. — Var.: *H. Martiniana* Pfr. (III. 215.)
2100. (1582.) **Cara** Ad. (Coll. Nr. 1050.) Jamaica. — Var.: *H. amabilis* Ad. (III. 216.)
2101. (1583.) **lychnuchus** Müll. (Coll. Nr. 1051.) Dentellaria A<sup>2</sup>. 154. — *Pleurodonta lychnuchus* Mörch in Journ. Conch. XIII. p. 384. — Martinique, Guadeloupe. (I. 304.)
2102. (1584.) **perplexa** Fér. (Coll. Nr. 1052.) Dentellaria A<sup>2</sup>. 154. — *H. granifera* Gray. — Trinidad, Granada. (I. 304.)
2103. (1585.) **Josephinae** Fér. (Coll. Nr. 1053.) Dentellaria A<sup>2</sup>. 154. — Guadeloupe. (I. 310.)

## §. 104.

2104. (1586.) **mammilla** Fér. (Coll. Nr. 1054.) *H. mamilla* (Obba) A<sup>2</sup>. 159. — Mart. Ostas. Zool. II. p. 294. \*) — *Semicornu mamilla* Wallace in Proc. Zool. Soc. 1865. p. 410. — Celebes. (I. 318.)
2105. (1587.) **papilla** Müll. (Coll. Nr. 1055.) Obba A<sup>2</sup>. 159. — Mart. Ostas. Zool. II. p. 292. \*\*) *Obba papilla* Wallace in Proc. Zool. Soc. 1865. p. 408. — Celebes. (I. 318.)

\*) «Testa anguste et semiobtectae umbilicata, globosa, solida, striata et rugis oblique ascendentibus confertis exarata, fulvocastanea, fasciis 2 angustis flavis picta; spira elata, conoideo-tumida; anfr. 5½, priores subplani, penultimus magis convexus, ultimus rotundatus, basi modice convexus, antice valde descendens; apertura subhorizontalis, ovato-oblonga; peristoma valde incrassatum, undique reflexum, album, marginibus approximatis, callo tenui junctis, basali antrorsum convexo. — Diam. maj. 37½—45½, min. 30—35½, alt. 29—35; apert. long. 22½—26, alt. 19—22 mill. — Evidenter *H. Quoyi* affinis, sculptura etc.» (v. M.)

\*\*) «Testa ovato-globosa, obtectae umbilicata, solida, rugis grossis obliquis et lineis spiralibus confertis valde subtilibus sculpta, rugis albis, interstitiis violaceo-fuscis; spira valde convexa, obtusa, altitudine varians;



2106. (1588.) **camelus Pfr.** — Obba A<sup>2</sup>. 159. — Habitat? (IV. 247.)  
 2107. (1589.) **Cypsele Pfr.** — Obba A<sup>2</sup>. 159. — Habitat? (III. 217.)  
 2108. (1590.) **campanula Pfr.** — Obba A<sup>2</sup>. 159. — Habitat? (I. 321.)  
 2109. (1591.) **codonodes Pfr.** (Coll. Nr. 1056.) Obba A<sup>2</sup>. 159. — Ins. Nicobar. (I. 324.)  
 2110. (1592.) **Thetis Pfr.** — Habitat? (III. 217.)  
 2111. (1593.) **Ceres Pfr.** — Ins. Philippin. (III. 647.)

## §. 105.

2112. (1594.) **bipartita Fér.** (Coll. Nr. 1057.) Hadra A<sup>2</sup>. 165. — Australia. —  $\beta$ . Peristomate fuscule: *H. semibadia* (Hadra) A<sup>2</sup>. 165. (I. 319.)  
 2113. (1595.) **plurizonata Ad. et Rv. †** — Callicochlias A<sup>2</sup>. 173. — Mindanao. (III. 182.)  
 2114. (1596.) **Incei Pfr.** (Coll. Nr. 1058.) Hadra A<sup>2</sup>. 166. — Australia. (I. 329.)  
 2115. (1597.) **quercina Pfr.** — Novit. conch. p. 108. — Hadra A<sup>2</sup>. 165. — Ins. Admiralitatis. (IV. 247.)  
 2116. (1598.) **Lessoni Pfr.** (Coll. Nr. 1059.) Hadra A<sup>2</sup>. 166. — *H. Rangii* Less.?, *gulosa* Gould. — Australia. (I. 233.)  
 2117. (1599.) **morosa Mor. †** — Hadra A<sup>2</sup>. 166. — Australia. (IV. 248.)  
 2118. (1600.) **rosacea Müll.** (Coll. Nr. 1060.) *H. globulus* var. A<sup>2</sup>. 107. — Promont. bonae spei. (IV. 248.)  
 2119. (1601.) **globulus Müll.** (Coll. Nr. 1061.) Dorcasia A<sup>2</sup>. 107. — *H. lucana* Lam. — Promont. bonae spei. (I. 319. IV. 249.)

2120. **H. perinflata Pfr.**

T. umbilicata, globosa, solida, striis incrementi rugosis et lineis impressis antrorsum descendentibus decussata, isabelino-albida; spira convexo-conoidea, apice obtusa; anfr.  $4\frac{1}{2}$ , ultimus magnus, ventrosus, subtus perinflatus, striis spiralibus obsolete sculptus, antice deflexus; apertura diagonalis, lunari-rotundata; perist. breviter expansum, margine columellari supra umbilicum angustum fornicatim dilatato. — Diam. maj.  $23\frac{1}{2}$ , min. 20, alt. 20 mill. (Coll. Angas.)

*Helix perinflata* Pfr. in Proc. Zool. Soc. 1863. p. 528.

Habitat «Mc Donnell Ranges» Australiae centralis (Waterhouse).

Obs. Persimilis *H. globulo* Müll., sculptura praecipue discrepans.

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2121. (1602.) **pomum Pfr.** (Coll. Nr. 1062.) *H. Urvillei* Jacq.? — *Cochlostyla pomum* (Xanthomelon) A<sup>2</sup>. 174. — Nova Hollandia. (I. 320.)

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anfr. 5—6, convexiusculi, ultimus obtuse angulatus, antice valde deflexus, apertura fere horizontalis, elliptico-oblonga; peristoma late reflexum, album, continuum, lamina parietali distincta, margine basali obsolete undulato. — Diam. maj.  $32\frac{1}{2}$ , min. 25—26, alt. 28—32; apert. long. 22—24, alt. 15 mill.» (v. M.)



2122. (1603.) **sphaeroidea Guill. †** — Australia septentr. (I. 320.)

2123. **H. Angasiana Pfr.**

T. umbilicata, conoideo-globosa, solidula, subargute minutissime striata, pallide virenti-fusca, supra medium castaneo-bifasciata; spira obtuse conoidea; anfr. 5 convexi, ultimus antice subdescendens, subtus inflatus, circa umbilicum mediocrem, profundum subcompressus; apertura parum obliqua, fere circularis; perist. callosum, sublata expansum, marginibus conniventibus, columellari subverticali, late fornicato-reflexo, umbilicum non occultante. — Diam. maj. 23, min. 19, alt. 16—17 mill. (Coll. Crosse).

*Helix Angasiana Pfr.* in Journ. Conch. X. 1862. p. 228. t. 10. f. 2. Conf. Crosse ibid. XI. 1863. p. 275.

Habitat circa lacum Torrentem in parte septentrionali Australiae meridionalis.

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2124. (1604.) **argillacea Fér.** (Coll. Nr. 4063.) *Dorcasia* A<sup>2</sup>. 107. — Fruticicola Mart. Ostas. Zool. II. p. 273. \*) — *H. cyclostomopsis* Lea. — *Dorcasia argillacea* Wallace in Proc. Zool. Soc. 1865. p. 408. — Timor, Flores. (I. 320.)

2125. (1605.) **Jannellei Guill. †** — Australia septentr. (I. 322.)

2126. (1606.) **Bajadera Pfr.** — *Nanina Bajadera* (Ariophanta) A<sup>2</sup>. 55. — Bengalia. (III. 52. IV. 250.)

2127. **H. intumescens W. Blanford. †**

«T. sinistrorsa, anguste et subobtecte umbilicata, globosa, tenuis, transversim subtiliter plicatulo-striata, obsolete decussata, fulvo-brunnea, cornea, supra peripheriam et circa umbilicum paulo pallidior. Spira convexo-conoidea, apice perobtusato, sutura vix impressa. Anfr. 4½ convexiusculi, ultimus obtuse angulatus, prope aperturam parum descendens, subtus tumidus, circa umbilicum compressus. Apertura ampla, diagonalis, truncato-subcircularis; perist. album, subexpansum, marginibus approximatis, columellari fere verticali, sublata reflexo, umbilicum partim tegente. — Diam. maj. 32, min. 26, axis 22 mill.» (Bl. angl.)

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\*) «Testa globosa, semiobtecte perforata, oblique striatula, fulvo- vel rufescenti-cornea, concolor, pilis brevibus caducis sparsa; spira convexa, obtusa; anfr. 4½, convexiusculi, sutura mediocri distincti, ultimus inflatus, antice valde descendens; apertura valde obliqua, semielliptica; peristoma late expansum, roseum vel album, marginibus inter se appropinquatis, arcuatis, columellari dilatato. — Diam. maj. 16½—27½, min. 14—21, alt. 13—18; apert. long. (incl. perist.) 9½—17, lat. 9—15 mill.» (v. M.)

*Nanina (Ariophanta) intumescens* W. T. Blanf. Contrib. to Ind. Malak. VI. 1866. p. 2.

Habitat Mahabaleshwar Indiae.

Obs. Species hucusque cum *H. Bajadera* Pfr. confusa.

2128. **H. carcharias** Pfr.

T. subobtecte perforata, conoideo-globosa, solidula, sub lente minutissime granulata, carnea; spira conoidea, vertice laevigato, obtusulo; anfr. 5 convexiusculi, superi irregulariter tuberculato-plicati, ultimus ventrosus, superne levius plicatus, subtus radiato-striatus, albidus, antice profunde deflexus; apertura diagonalis, subcircularis; perist. simplex, tenue, anguste expansum, marginibus approximatis, columellari fornicatim supra umbilicum late reflexo. — Diam. maj. 17—19½, min. 13½—16, alt. 10½—14 mill. (Coll. Angas.)

*Helix carcharias* Pfr. in Proc. Zool. Soc. 1863. p. 528.

Habitat «Shark's Bay» Australiae.

Obs. Affinis *H. plectili* Bens., sculptura multo minus rudi, anfractu ultimo inflato, etc. discrepans.

2129. **H. Remondi** Tryon. †

«Testa anguste umbilicata, tenuis, turbinato-globosa, sublaevigata, sub lente minute punctata; epidermis tenuissima, laete cornea, cum fascia unica castanea peripherica, supra suturam ascendente; anfr. 4 convexiusculi, ultimus rotundatus, vix descendens, subtus convexus, circa umbilicum anguste angulatus; apertura rotundato-semilunaris; labrum leviter expansum et reflexum, marginibus ad columellam callo omnino destitutam non approximatis. — Diam. maj. 17, min. 15, alt. 12 mill.» (T. angl.)

*Helix Rémondi* Tryon in Proc. Ac. Philad. 1863. p. 281. t. 2. f. 1.

Habitat Cinaloa prope Mazatlan reipublicae mexicanae (A. Rémond).

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2130. (1607.) **plectilis** Bens. — *H. paleata* Reeve. — Australia occident. (IV. 250.)

2131. (1608.) **torulus** Fér. — Dorcasia A<sup>2</sup>. 107. — Nova Hollandia. (I. 238.)

2132. (1609.) **Batanica** Ad. et Rv. — Camena A<sup>2</sup>. 165. — Ins. Batan. (III. 218.)

2133. (1610.) **leptogramma** Pfr. — Rhagada A<sup>2</sup>. 312. — Australia septentr. (I. 322.)

2134. (1611.) **Bolus** Bens. (Coll. Nr. 1064.) Dorcasia A<sup>2</sup>. 102. — Thyet Mio (Blanford). (IV. 254.)

2135. **H. Arcasiana Crosse et Debeaux. †**

«T. subobtectae umbilicata, globoso-conica, non crassa, parum nitens, striis tenuibus, irregularibus, obliquis, longitudinaliter impressa, lacteo-albida; anfr. 6 sensim accrescentes, convexi, ultimus non descendens, basi inflatus, circa umbilicum mediocrem excavatus; sutura impressa; apertura lunato-rotundata, alba; perist. reflexum, marginibus distantibus, columellari dilatato, umbilicum partim tegente, dextro paululum attenuato. — Diam. maj. 46, min. 44, alt.  $40\frac{1}{2}$  mill.» (Cr.)

*Helix Arcasiana Crosse et Deb.* in Journ. Conch. XI. 1863.

p. 386; XII. 1864. p. 346. t. 12. f. 4.

— *similaris var.* (solidula, elatior) *Mart.* Ostas. Zool. II. p. 43.

Habitat circa Shanghai Chinae.

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2136. (1612.) **radicicola Bens.** — Himalayah. (III. 249.)

2137. **H. Sauvallei Arango.**

T. perforata, depresso-globulosa, tenuis, striata, cornea; spira convexo-conoidea, vertice minuto; anfr. 4 convexiusculi, ultimus magnus, rotundatus, antice lente descendens; apertura obliqua, lunari-rotundata; perist. simplex, marginibus subconvergentibus, dextro vix expanso, columellari superne dilatato, fornicatim reflexo. — Diam. maj. 44, min.  $9\frac{1}{2}$ , alt.  $7\frac{1}{2}$  mill. (Coll. Gundlach.)

*Helix Sauvallei Arango* mss.; *Pfr.* in Malak. Bl. XIII. 1866. p. 58.

Habitat prope Baracoa insulae Cubae.

## §. 406.

2138. (1613.) **fruticum Müll.** (Coll. Nr. 4065.) Fruticicola A<sup>2</sup>. 403. — *Kalenicz.* in Bull. Mosc. XXVI. 2. p. 77: Caucasus. — *Bielz* Faun. Siebenb. p. 56. — *Gerstf.* in Mém. sav. prés. Ac. Pet. IX. p. 549: Amur. — *H. carduelis Reib., terrestris Gm., cinerea Poir.* — *Eulota fruticum Mörch* Moll. Dan. p. 24; Journ. Conch. XIII. p. 387. — Europa media. (I. 435.)

2139. (1614.) **Schrenki Midd.** (Coll. Nr. 4066.) Fruticicola A<sup>2</sup>. 403. — *Middend.* in Bull. Ac. Pet. IX. 1854. p. 440. \*) — *Gerstf.* in Mém. sav. prés. Ac. Pet. IX. p. 520: Amur. — *H. Sibirica Friv.* — Sibiria, Rossia. (III. 636.)

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\*) «Testa umbilicata, orbiculato-convexa, vel interdum depresso-globosa, diaphana, incrementi striis, et striis longitudinalibus (hiscis ultimis microscopicis) obsolete-striata, corneo-albida, ad suturas rufo-unifasciata;

2140. (1615.) **helvola Friv.** (Coll. Nr. 1067.) Fruticicola A<sup>2</sup>. 103. — Sibiria. (IV. 351.)

2141. **H. Maackii Gerstfeldt.** †

«T. fere aperte vel plus minusve obtecte umbilicata, subglobosa, tenuis, solidiuscula, transparens, distincte oblique striata vel interdum fere plicata, parum nitidula, flavescens rufo- vel fusco-trifasciata; anfr. 6—7, convexiusculi; sutura mediocris; apertura lunato-rotundata; perist. subsimplex, reflexiusculum, sublabiatum, margine columellari reflexo. — Diam. maj. 30, min. 26,5, alt. 24—30 mill.» (G.)

*Helix Maackii Gerstf.* in Mém. sav. étr. prés. Ac. Petersb. IX. 1859. p. 518. f. 27. (Journ. Conch. VIII. p. 400.)

Habitat in fluvium Amur.

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2142. (1616.) **fodiens Pfr.** (Coll. Nr. 1068.) Dorcasia A<sup>2</sup>. 107. — *Dorcasia fodiens* Wallace in Proc. Zool. Soc. 1865. p. 408: Macassar. — Ins. Philippin. (Cuming.) (I. 137.)
2143. (1617.) **Tourannensis Soul.** (Coll. Nr. 1069.) Dorcasia A<sup>2</sup>. 107. — Acusta Mart. Ostas. Zool. II. p. 46.\*) — *H. globula* Lea, *clusilis* Val. — Cochinchina. (I. 137.)
2144. (1618.) **Ravergiensis Fér.** (Coll. Nr. 1070.) Fruticicola A<sup>2</sup>. 105. — Mouss. Coq. Schläfli II. p. 40 cum var. *transcaucasica*. — *H. Ravergii* Kryn., Kalenicz. in Bull. Mosc. 1853. XXVI. 2. p. 82.\*\*\*) — *H. caucasica* Pfr. olim. (I. 138.)
2145. (1619.) **Schuberti Roth.** (Coll. Nr. 1071.) Fruticicola A<sup>2</sup>. 105. — Mouss. Coq. Schläfli II. p. 49. — Caria, Graecia. — β. *H. Rissoana* Pfr. — γ. *H. frutis* Parr. (I. 137. IV. 252.)

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anfr. 5½—6; apertura lunato-rotundata; peristoma subpatulum, vix labiatum. — Diam. maj. 15, min. 14, alt. 10,5 mill. — Intermedia inter *H. Narzanensem* Kryn. et *H. fruticum*. — Habitat in tota Asia boreali.» (v. Midd. l. c.)

\*) «Testa perforata, conico-globosa, distincte striatula, nitida, griseo-flava, concolor; spira conoidea; anfr. 5½—6, convexi, ultimus peripheria obtuse subangulatus, basi inflatus, antice vix descendens; umbilicus saepius semitectus; apertura parum obliqua, lunato-rotundata, subcircularis; peristoma intus labio incrassato albo instructum, dein tenue, acutum, carneum, margine columellari ad perforationem reflexo. — Diam. maj. 12½—15, min. 11—12, alt. 11—12; apert. long. = lat. 8—8⅓ mill. — Makao.» (v. M.)

\*\*) «T. orbiculato-convexa, elevata, solidula, parum pellucida, transversim oblique striata flavescenti-grisea, ultimo anfractu penultimisque binis, linea alba cinctis; anfractibus senis oblique planulatis; suturis superficialibus; spira exserta; umbilico angusto; apertura rotundato-lunata; peristomate patulo, intus linea elevata, eburnea, marginata. Margo dexter ad angulum intus subinflexus. — Diam. 7, alt. 4½ lin. — Caucasus, Georgia.» (Kal. l. c.)

2146. **H. circassica Charpentier.** †

«T. fere umbilicata, obtuse globoso-conoidea, late rugoso-striata, nitidiuscula, subopaca, luteo-fulva vel cornea. Spira elevata, regularis; nucleo minuto, prominulo; sutura vix impressa. Anfr. 7, primi postnucleares planiusculi, sequentes convexiores; ultimus parum descendens, obtuse anguloso-rotundatus, zona pallida dorsali ornatus, subtus convexus. Apertura vix obliqua, satis magna, transversim lunato-subelliptica. Perist. acutum, sursum expansum; margine externo infra subeffuso, tenuiter labiato; columellari et basali praecipue ad umbilicum late reflexo, subincrassato. — Diam. maj. 24, min. 45, alt. 49 mill. Rat. anfr. 2:1. Rat. apert. 44:40.» (M.)

*Helix circassica* (Charp. Cat. Nr. 239.) Mouss. Coq. Schläfli II. 1863. p. 50.

— *colchica* Bayer teste Mousson.

Habitat in Transcaucasia rossica.

2147. **H. Nymphaea Dubois.** †

«T. perforata, depresso-globosa, tenuiscula, subdiaphana, striatula, pallide corneo-albida, fasciis duabus fuscis supra et infra dorsalibus ornata. Spira depresso-conoidea; summo minuto, pallide-roseo; sutura vix impressa, tenuiter marginata. Anfr. 7, regulariter accrescentes, convexiusculi; ultimus lente paulo descendens, rotundatus, supra paulo inflatus, infra planiusculo-convexus. Apertura subobliqua, late rotundato-trapezialis. Perist. acutum; margine supero expansiusculo, basali et columellari crassiusculis, late reflexis, illo recto horizontali, hoc brevi subverticali, priori angulatim juncto, umbilicum late semitegente. — Diam. maj. 22, min. 46, alt. 44 mill.» (M.)

*Helix Nymphaea Dubois* mss.; Mouss. Coq. Schläfli II. 1863. p. 54.

Habitat in Transcaucasia.

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2148. (1620.) **trypanomphala Pfr.** (Coll. Nr. 4072.) Mexico. (IV. 253.)

## §. 407.

2149. (1621.) **sannio Pfr.** — *Nanina sannio* (Ariophanta) A<sup>2</sup>. 55. — Habitat? (IV. 253.)

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2150. **H. turris H. Adams.** †

«T. subobtectate perforata, solida, conica, sulcato-striata, luteo-fulva; spira elongata, acutiuscula; anfr. 7, ad suturas

convexiusculi, medio subconcavi, ultimus non descendens, angulatus, basi subplanatus; apertura diagonalis, triangularis; perist. simplex, late expansum, album, margine supero sinuoso, antrorsum arcuato, basali reflexo, cum columellari obliquo, triangulatim dilatato, supra perforationem reflexo, et intus subdentato. — Diam. maj. 36, min. 30, alt. 37 mill.» (A.)

*Helix* (Geotrochus) *turris* H. Adams in Proc. Zool. Soc. 1865. p. 415.

Habitat in insula Waigiou (Wallace).

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2151. (1643.) **Steursiana Shuttl.** † — *Pfr.* Mon. III. p. 179; IV. p. 257. — Amboina.

2152. (1622.) **H. pileolus Férussac.**

T. umbilicata, trochiformis, carinata, solidula, oblique leviter striata, opaca, carneo-albida; spira exacte conica, vertice obtusulo, pellucido; sutura levis, filomarginata; anfr. 9 subplani, ultimus antice vix descendens, basi acute carinatus, subtus subdiaphanus, isabellinus; apertura perobliqua, irregulariter rhomboidea; perist. album, undique expansum et reflexum, ad carinam rostratim revolutum, margine columellari in laminam patentem, umbilicum angustissimum obtegentem, dilatato. — Diam. maj. 24, min. 19, alt. 16—17 mill. (*Fér.* pl. 63 A. f. 4. — Mus. Cuming.)

β. Plerumque minor, flammis et maculis rufo-corneis pellucidis, irregularibus, magis minusve crebris in fundo opaco pallide corneo notata. (*Fér.* ib. f. 2.)

*Helix pileolus* *Fér.* Hist. t. 63 A. f. 1. 2; nec *Pfr.* Mon. I. p. 324.

— — *Pfr.* in Malak. Bl. VII. 1860. p. 64.

— — *Mart.* Ostas. Zool. II. p. 324. t. 17. f. 8. 9.

Habitat in insula Batchian (Wallace).

2153. **H. Zoae Pfr.**

T. umbilicata, trochiformis, solidula, irregulariter rugoso-striata, subdiaphana, pallide carnea vel alabastrina; spira elevato-conica, apice obtusula; anfr.  $6\frac{1}{2}$ —7 vix convexiusculi, ultimus infra medium carinatus, rufo-lineatus, subtus vix convexior; apertura obliqua, depressa, subquadrangularis; perist. simplex, margine dextro breviter expanso, basali strictiusculo, reflexo, columellari brevi, verticali, roseo vel violaceo, per dilatato, umbilicum angustum non occultante. — Diam. maj.  $20\frac{1}{2}$ , min. 18, alt. 19—24 mill. (Coll. Nr. 1073.)



- Helix Zoae Pfr.* in Malak. Bl. XII. 1865. p. 424; Novit. conch. Fasc. XXIII. p. 274. Nr. 386. t. 67. f. 16. 17.  
 — *pileolus Pfr.* Mon. Helic. I. p. 324. Nr. 827 (descriptio); non *Fér.*

Habitat in insulis Moluccis (Lorquin).

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2154. (1623.) **subvitrea Pfr.** — Ins. Molucc. (IV. 253.)

2155. **H. Blanfordi A. Adams. †**

«T. obtecte perforata, conoidea, tenuiscula, oblique striata, et striis minutis spiralibus ornata, nitida, corneo-alba; spira elongata, acutiuscula; sutura marginata; anfr. 6, convexiusculi, sensim accrescentes, ultimus non descendens, infra medium acute carinatus, basi parum convexus; apertura diagonalis, sub-rhombeo-lunaris; perist. album, breviter expansum, margine supero acuto, basali arcuato, reflexo, perforationem tegente. — Diam. maj. 20, min. 16, alt. 17 mill.» (A.)

*Helix* (Geotrochus) *Blanfordi H. Adams* in Proc. Zool. Soc. 1865. p. 415.

Habitat in Nova Guinea (Wallace).

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2156. (1624.) **Japonica Pfr.** (Coll. Nr. 1074.) Fruticicola *Mart.* Ostas. Zool. II. p. 20. \*) t. 14. f. 11. — *H. vitracea Fér.?* \*\*) — Japonia. (I. 448.)  
 2157. (1625.) **Sagraiana Orb.** (Coll. Nr. 1075.) Thelidomus A<sup>2</sup>. 144. — Cuba. (I. 324.)  
 2158. (1626.) **Pennantiana Pfr.** — Papuina A<sup>2</sup>. 167. — Habitat? (I. 325.)  
 2159. (1627.) **carinata Jacq. †** — Nova Guinea. (IV. 254.)  
 2160. (1628.) **grata Mich.** — Papuina A<sup>2</sup>. 167. — *H. acuta Quoy.* — Nova Guinea. (I. 325.)

\*) «Testa semi-obtectate umbilicata, trochiformis, angulata, tenuis, oblique striata, epidermide corneo-straminea induta, fascia pallide rufa supra angulum picta; spira convexe conoidea, apice obtusiuscula; anfr. 5½, convexiusculi, ultimus basi planus, antice paulum descendens; apertura diagonalis, semiovata; peristoma incrassatum, album, expansum, margine externo arcuato, columellari subhorizontali, stricto, callo subdentiformi munito.

a. Diam. maj. 24, min. 18½, alt. 16; apert. long. 12½, lat. 9½ mill.

b. — — 18, — 15½, — 16; — — 12, — 9 —

c. — — 19, — 17, — 14; — — 11½, — 8½ —

d. — — 17, — 15, — 12; — — 10, — 8 —

Habitat prope Yokohama (Nipon), Matsumai (Jesso)» (v. M.)

\*\*) *Helix vitracea Fér.* Hist. t. 64. f. 5, a Cl. *Martens* dubie huc citata, praeter aperturam distincte et acute *angulatam* specimini meo satis bene respondet.

2161. **H. rhynchostoma Pfr.**

T. anguste umbilicata, trochiformis, acute carinata, tenuiuscula, striatula et sub lente minutissime granulata, carnea, fasciis 2 rufis, altera supera, altera latiore basali ornata; spira conica, obtusiuscula; sutura carinato-marginata; anfr. 6 subplani, lente accrescentes, ultimus antice vix descendens, basi subplanus; apertura perobliqua, subtriangularis; perist. tenue, marginibus distantibus, supero vix expanso, ad dextram in rostrum recurvato, basali breviter reflexo, columellari dilatato, umbilicum occultante. — Diam. maj. 25, min. vix 22, alt. 17 mill. (Mus. Cuming.)

*Helix rhynchostoma* Pfr. in Proc. Zool. Soc. 1864. p. 24. t. 2. f. 6; Novit. conch. p. 466. Nr. 264. t. 45. f. 9—11.

Habitat in insula Batchian (Wallace).

Obs. Differt ab affini *H. grata* spira majore, anfractu ultimo minore, basi subplano, peristomate rostrato, etc.

2162. **H. lanceolata Pfr.**

T. umbilicata, subtrochiformis, acute carinata, solida et minutissime granulata, superne cinereo-fuscescens, interdum fascia latiuscula fusca mediana, adjacentibus linearibus ornata; spira conoidea, vertice fusco, nitido, acutiusculo; sutura vix carinato-marginata; anfr. 5 convexiusculi, regulariter accrescentes, ultimus non descendens, basi planiusculus, saturate rufus; apertura diagonalis, lanceolata; perist. expansum et ad carinam late revolutum, margine basali fusco vel nigro-violaceo, leviter arcuato, sublate reflexo, ad insertionem dilatato, umbilicum angustum fere occultante. — Diam. maj. 27, min.  $22\frac{1}{2}$ , alt. 44 mill. (Coll. Nr. 4076.)

*Helix lanceolata* Pfr. in Proc. Zool. Soc. 1864. p. 386. t. 37. f. 6.

— — Mart. Ostas. Zool. II. p. 320. t. 17. f. 7.

*Papuina lanceolata* Wallace in Proc. Zool. Soc. 1865. p. 444: Gilolo.

Habitat in insula Ternate (Wallace in Mus. Cuming., Lorquin).

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2163. (1629.) **antrorsa Pfr.** (Coll. Nr. 4077.) Ins. Haman Admiralitatis. (IV. 254.)

2164. **H. nodifera Pfr.**

T. umbilicata, trochiformis, acute carinata, tenuiuscula, striatula, diaphana, pallide lutescens; spira conoidea, apice

acutiuscula; sutura levis; anfr. 5 convexiusculi, ultimus non descendens, medio acute albocarinatus, utrinque convexior; apertura diagonalis, subrhombea; perist. late expansum, marginibus subparallelis, columellari supra umbilicum anguste fornicatim reflexo, intus nodulo circumscripto munito. — Diam. maj. 30, min. 24, alt. 18 mill. (Mus. Cuming.)

*Helix nodifera* Pfr. in Proc. Zool. Soc. 1864. p. 24. t. 2. f. 4;  
Novit. conch. p. 166. Nr. 263. t. 45.  
f. 7. 8.

*Papuina nodifera* Wallace in Proc. Zool. Soc. 1865. p. 444.

Habitat in insula Batchian (Wallace).

Obs. Forma intermedia inter *H. vitream* Fér. et *gratam* Mich., nodulo columellari distincta.

### 2165. *H. vitrea* Férussac.

T. umbilicata, depresso-trochiformis, acute carinata, tenuiuscula, confertissime et subtiliter striata, sub lente fortiore minute granulata, vitreo - albida (ad carinam rufo lineata); spira conoidea, acutiuscula; anfr.  $4\frac{1}{2}$  planiusculi, ultimus antice vix descendens, basi parum convexus, distinctius radiato-striatus; umbilicus pervius, subinfundibuliformis; apertura obliqua, depressa, elliptico-lunaris; perist. sublata expansum, ad carinam subrostratum, margine columellari valde dilatato, patente. — Diam. maj. 29, min.  $23\frac{1}{2}$ , alt. 13 mill. (Mus. Cuming.)

*Helix vitrea* Fér., Pfr. (Mon. Hel. IV. p. 255.) Malak. Bl. VII.  
1860. p. 63.

— — Mart. Ostas. Zool. II. t. 17. f. 6.

*Papuina vitrea* Wallace in Proc. Zool. Soc. 1865. p. 444.

Habitat in insulis Ternate, Gilolo, Batchian.

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2166. (1631.) **Poeyi** Pet. (Coll. Nr. 1078.) Eurycampta A<sup>2</sup>. 127. — *H. staminea* Menke. — Cuba. (I. 327.)

### 2167. *H. Trochalia* Benson. †

«H. testa anguste umbilicata, solidiuscula, orbiculato-conoidea, subtrochiformi, irregulariter arcuato-striatula, striis nonnullis prominentioribus, castanea, apicem versus albida; spira conoidea, apice valde obtuso, sutura leviter impressa; anfractibus 5, primis convexiusculis, caeteris planiusculis, ultimo acute compresso-carinato, antice breviter descendente, subtus convexo; apertura obliqua, elliptico-lunata; peristomate tenui, undique expanso concolori, marginibus subconniventibus, columellari dilatato, umbilicum profundum semitegente. — Diam. maj. 22, min. 19, axis 13 mill.» (B.)

*Helix Trochalia* Bens. in Ann. and Mag. n. h. 3d. ser. VII.  
(Febr. 1861.) p. 82.

Habitat ad Portum Blair insulae Andamanicae (Haughton).

2168. **H. pudica Pfr.**

T. anguste umbilicata, trochiformis, tenuiuscula, striatula, superne striis confertis antrorsum descendentibus, subtus striis subconcentricis decussatula, lutescenti-carnea; spira conica, sursum rubescens, apice obtusula; sutura levis; anfr. 5 vix convexiusculi, ultimus non descendens, medio subacute carinatus, basi convexior, prope carinam castaneo-unifasciatus, antice tumidulus; apertura perobliqua, rotundato-subrhombea; perist. subroseo-callosum, margine supero expansiusculo, basali flexuoso, reflexo, supra umbilicum dilatato, prope insertionem intus nodulo unico munito. — Diam. maj. 22, min. 19, alt. 14—15 mill. (Mus. Vindobon.)

*Helix pudica* Pfr. in Malak. Bl. VII. 1860. p. 236.

Habitat in Nova Britannia (Zelebor).

2169. **H. Leucothoë Pfr.**

T. anguste umbilicata, trochiformis, tenuiuscula, striatula, superne striis antrorsum descendentibus, subtus striis subconcentricis sub lente decussatula, albida; spira turbinata, apice obtusula; anfr.  $4\frac{1}{2}$  convexi, ultimus antice vix descendens, periphæria acute carinatus, subtus prope carinam unifasciatus, minus convexus; apertura diagonalis, rhombeo-lunaris; perist. expansum, margine supero tenui, basali medio incrassato, columellari dilatato, purpurascente. — Diam. maj.  $20\frac{1}{2}$ , min. 17, alt.  $12\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix Leucothoë* Pfr. in Proc. Zool. Soc. 1861. p. 192; Novit. conch. p. 179. Nr. 280. t. 48. f. 7—9.

Habitat in Nova Georgia (Macgillivray).

2170. **H. Lienardiana Crosse. †**

«T. anguste umbilicata, trochiformis, tenuiuscula, striis numerosis, obsoletis, minutis, lineas incrementi intersecantibus, superne perobliquis, subtus concentricis, decussatula et quasi malleata, pallide flavida, castaneo-unifasciata; spira turbinata, apice obtusa; anfr.  $4\frac{1}{2}$  convexiusculi, primi rosei, ultimus antice vix aut minime descendens, periphæria acute carinatus, subtus prope carinam late castaneo-unifasciatus, paulo magis convexus; apertura diagonalis, rhombea, intus albida, bifasciata; peristoma album, margine columellari parvo, subrecto,

late dilatato, umbilicum partim occultante, basali leviter intorto, arcuato, supero attenuato. — Diam. maj. 22, min. 20, alt. 15 mill. » (Cr.)

«β. Bifasciata, major, intus trifasciata, columella et marginis externi parte roseo-purpureis. — Diam. maj. 26, min. 22 $\frac{1}{2}$ , alt. 17 mill.

γ. Pallidior, inaequaliter bifasciata, fauce inaequaliter trifasciata, anfractibus primis albido-roseis. — Diam. maj. 24 $\frac{1}{2}$ , min. 19 $\frac{1}{2}$ , alt. 15 mill.

δ. Viridulo-flava, fasciis carens, paulo minor, peristomate et fauce niveis. — Diam. maj. 20, min. 18, alt. 14 mill.»

*Helix Lienardiana* Crosse in Journ. Conch. XII. 1864. p. 282; XIV. 1866. p. 53. t. 1. f. 1.

Habitat in insulis Salomonis.

Obs. «Valde affinis *H. Leucothoe*, sed colore flavo, apertura magis rhombeo-quadrata, margine columellari brevi, subrecto, magis dilatato, basali subintorto, anfractibus primis roseis, ultimo subtus magis convexo distincta.»

\*

2171. (1655.) **Sachalensis** Pfr. (Mon. IV. p. 259.) Lege: anfractus ultimus medio carinatus . . . apertura rhombeo-lunaris. — Ins. Admiralitatis.

#### 2172. **H. Scenoma** Benson. †

«H. testa anguste infundibuliformi-umbilicata, subgloboso-conoidea, oblique irregulariter striata, striis minutissimis spirilibus decussata, sub epidermide cornea albida, carina interdum fascia rufo-castanea ornata; spira conoidea, apice obtusiusculo, sutura impressa; anfractibus 6, convexiusculis, ultimo antice vix descendente, ad peripheriam obtuse subcompresso-carinato, subtus convexo, circa umbilicum compresso; apertura obliqua, subquadrato-lunata, peristomate expansiusculo, margine columellari reflexiusculo. — Diam. maj. 16, min. 14, axis 11 mill.» (B.)

*Helix Scenoma* Bens. in Ann. and Mag. n. h. 3d. ser. XI. (May 1863.) p. 349.

Habitat prope Moulmein.

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2173. (1632.) **Blainvillei** Guill. † — Ins. Arrow. (I. 327.)

2174. (1633.) **plagiostoma** Pfr. — Ins. Admiralitatis. (IV. 255.)

#### 2175. **H. rostellata** Pfr.

T. umbilicata, globoso-trochiformis, tenuiuscula, irregulariter striatula, sericea, fulvo-cornea; spira conoidea, vertice acutiusculo; anfr. 5 $\frac{1}{2}$  convexiusculi, ultimus antice leviter de-

scendens, supra medium carinatus, basi convexior; umbilicus angustus, pervius; apertura fere diagonalis, intus submargari-  
tacea; perist. album vel carneum, marginibus convergentibus,  
dextro expanso, supra carinam subsinuato, tum breviter rostrato,  
basali reflexiusculo, ad insertionem subdilatato. — Diam. maj.  
17, min. 15, alt. 10 mill. (Coll. Nr. 1079.)

β. Corneo-albida, fascia 1 castanea ad carinam notata.

*Helix rostellata* Pfr. in Proc. Zool. Soc. 1862. p. 270.

Habitat «Lao Mountains» Cambojae (Mouhot).

#### 2176. **H. Granti** Pfr.

T. umbilicata, turbinata, carinata, tenuiuscula, striatula,  
sub lente fortiore minutissime decussatula, parum nitens, fusco-  
cornea; spira subregulariter conica, vertice subtili; anfr.  $6\frac{1}{2}$   
convexiusculi, ultimus infra carinam acutam, marginem fere  
attingentem convexior, in umbilicum mediocrem subito ascen-  
dens, antice vix descendens; apertura diagonalis, rotundato-  
lunaris; perist. tenue, marginibus convergentibus, supero bre-  
viter expanso, basali arcuato, reflexo, columellari dilatato, pa-  
tente. — Diam. maj. 15, min. 13, alt. 8 mill. (Mus. Cuming.)

*Helix Granti* Pfr. in Proc. Zool. Soc. 1865. p. 828. t. 46.  
f. 10; Malak. Bl. XIII. 1866. p. 41.

Habitat in insula Formosa (Swinhoe).

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2177. (1634.) **Arrowensis** Guill. † — *Papuina Aruensis* Wallace in  
Proc. Zool. Soc. 1865. p. 414. — Ins. Arrow. (I. 327.)

2178. (1635.) **reflexiuscula** Pfr. † — *H. hyalina* Guill. — Ins. Salo-  
monis. (I. 327.)

2179. (1636.) **albula** Guill. † — Ternate. (I. 328.)  
(1637. *Ternatana* Guill. vid. Nr. 1562 in §. 73.)

#### 2180. **H. brevibarbis** Pfr.

T. umbilicata, subtrochiformis, carinata, tenuiuscula, irre-  
gulariter striata et lineis spiralibus confertis decussatula, dia-  
phana, corneo-albida, ad carinam acutam, breviter barbatam  
castaneo-unifasciata; spira convexo-conica, acutiuscula; anfr.  
 $6\frac{1}{2}$  fere plani, ultimus non descendens, circa umbilicum me-  
diocrem, pervium convexior; apertura diagonalis, angulato-luna-  
ris; perist. albidum, marginibus vix convergentibus, supero  
expanso, basali reflexo, ad insertionem dilatato, patente. —  
Diam. maj. 14, min. 13, alt.  $7\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix brevibarbis* Pfr. in Proc. Zool. Soc. 1859. p. 25. t. 43.  
f. 4. (Malak. Bl. 1859. p. 28.)



*Helix brevibarbis* (Plectotropis) Mart. Ostas. Zool. II. p. 42.

Habitat in China septentrionali (Fortune).

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2181. (1638.) **Capitium Bens.** (Coll. Nr. 1080.) *Nanina capitium* (Trochomorpha) A<sup>2</sup>. 64. — Ind. orient. (III. 220.)

2182. (1639.) **piliformis Moris.** (Coll. Nr. 1081.) *Geotrochus* A<sup>2</sup>. 168. — Brasilia. (I. 323.)

2183. **H. conulus Martens. †**

«Testa perforata, elate trochiformis, filo-carinata, leviter striatula, griseoflavida; anfr. 6 convexiusculi, ultimus antice paulum deflexus, basi leviter convexiusculus; apertura diagonalis, subrhombea; peristoma tenue, album, margine supero vix, basali bene, columellari late expanso; margo basalis arcuatus, columellaris subverticalis. — Diam. maj. 11, min. 9<sup>3</sup>/<sub>4</sub>, alt. 11<sup>1</sup>/<sub>2</sub>; apert. long. 6<sup>1</sup>/<sub>2</sub>, lat. 4 mill.» (v. M.)

*Helix conulus* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864. p. 523. (Nec *H. conula* Pease 1861.)

— — (Fruticicola) Mart. Ostas. Zool. II. p. 269. t. 13. f. 15.

Habitat prope Kepahiang insulae Sumatrae.

Obs. Conferatur species sequens, huic forsan nimis affinis.

2184. **H. Gysseriana Pfr.**

T. perforata, trochiformis, tenuis, irregulariter striatula, diaphana, cornea; spira elevato-conica, apice obtusula; anfr. 6 planiusculi, ultimus infra medium acute carinatus, basi modice convexus; apertura perobliqua, rhombeo-elliptica; perist. simplex, marginibus remotis, supero breviter expanso, basali arcuato, reflexo, ad insertionem dilatato, perforationem semitegente. — Diam. maj. 9, min. 8, alt. 8<sup>1</sup>/<sub>2</sub> mill. (Coll. Nr. 1082.)

*Helix Gysseriana* Pfr. in Malak. Bl. XII. 1865. p. 122; Novit. conch. Fasc. XXIII. p. 270. Nr. 384. t. 67. f. 3—5.

Habitat in insulis Moluccis (Lorquin).

Obs. Cl. Martens (Ostas. Zool. II. p. 269) speciem in synonymis praecedentis laudat.

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2185. (1640.) **singularis Pfr.** — *Geotrochus* A<sup>2</sup>. 168. — Nov. Hebrid. (IV. 255.)

2186. **H. Acris Benson. †**

«Testa anguste umbilicata, elevato-conica, trochiformi, oblique striatula, obsolete granulosa, subtus minutissime spiraliter

striata, albida; spira elongato - conica, lateribus planis, apice obtusiusculo, sutura leviter impressa; anfractibus  $6\frac{1}{2}$  planulatis, ultimo vix descendente, ad peripheriam acute carinato, basi planiusculo; apertura valde obliqua, tetragono-lunata, peristomate superne expansiusculo, subtus expanso, reflexiusculo, margine columellari late angulato - reflexo, umbilicum partem celante. — Diam. maj. 40, min. 9, axis 9 mill.» (B.)

*Helix Acris* Bens. in Ann. and Mag. n. h. 3d. ser. III. (May 1859.) p. 387.

— *puellula* Bens. mss. antea.

Habitat ad Teria Ghát montium Khasiae.

### 2187. **H. Salvini Tristram.** †

«T. profunde umbilicata, conica, trochiformis, rufo-cornea, acute carinata; spira conica, vertice nitido; sutura profunda; anfract. 7, convexiusculi, regulariter accrescentes, liris transversis acutis et forte conspicuis non continuis regulariter superne ornati; anfract. ultimus subtus delicate striatus; peristomium subrufum, politum, reflexum; apertura semilunaris. — Diam. maj. 3, min. vix 3, alt.  $2\frac{1}{2}$  mill.» (T.)

*Helix Salvini* Tristr. in Proc. Zool. Soc. 1863. p. 444.

Habitat Vera Paz Guatemalae (Salvin).

### §. 408.

2188. (1641.) **Trailli Pfr.** — Borneo. (IV. 256.)

### 2189. **H. xanthochila Pfr.**

T. oblique perforata, trochiformis, tenuiuscula, sublaevigata, alabastrina, nitida, diaphana; spira conica, vertice minuto, fuscule; anfr.  $6\frac{1}{2}$ , superiores planiusculi, penultimus convexiusculus, ultimus inflatus, non descendens; columella tumida, vix declivis; apertura diagonalis, lunato-ovalis; perist. luteum, undique late expansum et reflexiusculum, margine columellari subflexuoso. — Diam. maj. 33, min. 26, alt. 36 mill. (Mus. Cuming.)

*Helix xanthochila* Pfr. in Proc. Zool. Soc. 1864. p. 192; Novit. conch. p. 175. Nr. 275. t. 47. f. 5. 6.

Habitat in insulis Salomonis.

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2190. (1642.) **euchroës Pfr.** — Archipel. ind. (IV. 256.)

(1643. *Steursiana* Shuttl. vid. Nr. 2454 in §. 407.)

2191. (1644.) **lenta Pfr.** (Coll. Nr. 4083.) Molucc.? (IV. 257.)

2192. (1645.) **pileus Müll.** (Coll. Nr. 1084.) *Geotrochus* A<sup>2</sup>. 168. — *Geotrochus pileus* Wallace in Proc. Zool. Soc. 1865. p. 411. — Habitat in insulis Aru prope Novam Guineam, nec in Moluccis. (Martens in Malak. Bl. 1863. p. 113 et Wallace l. c.) (I. 323. IV. 257.)

2193. (1646.) **meta Pfr.** (Coll. Nr. 1086.) Proc. Zool. Soc. 1856. t. 36. f. 4. 5. — Ins. Admiralitatis. (IV. 257.)

2194. **H. acmella Pfr.**

T. subobtecte perforata, turbinata, solidula, laevigata, nitida, lutea, sursum pallidior; spira regulariter turbinata, vertice minutissimo, acuto; anfr. 6 convexi, ultimus non descendens, basi planior; apertura diagonalis, sub-quadrangulari-ovalis; perist. album, reflexum, margine dextro subflexuoso, columellari longe adnato, umbilicum canaliformem fingente. — Diam. maj. 26, min. 22, alt. 25 mill. (Mus. Cuming.)

*Helix acmella* Pfr. in Proc. Zool. Soc. 1860. p. 135. t. 50. f. 4. (Malak. Bl. 1860. p. 237.)

Habitat in insulis Admiralitatis.

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2195. (1629.) **Poiretiana Pfr.** (Coll. Nr. 1086.) Mon. Helic. IV. p. 164. — Port. Essington. (III. 149: imperfect.)

2196. **H. splendescens Cox. †**

«Hel. testa obtecte perforata, globoso-conica, tenui, pellucida, laevigata, polita, castanea, ad os juxtaque locum solitum carinae saturatiore; fascia albida infra suturam, et subtus fasciis duabus albis latioribus; spira conica, apice albo; anfractibus sex, subplanatis, ultimo ad os supra planato, convexo, obsoletissime carinato, antice producto; apertura perobliqua, rotundo - elongata, antice subsinuata; peristomate tenui, reflexo, ad columellam rectam expanso, castaneo, albo anguste marginato. — Diam. maj. 0,95, min. 0,80, alt. 1,10 unc.» (C.)

*Helix splendescens* Cox in Proc. Zool. Soc. 1865. p. 696; Journ. Conch. XIV. 1866. p. 48.

Habitat in insulis Salomonis (Turner).

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2197. (1647.) **Gärtneriana Pfr.** — *Geotrochus Gärtnerianus* Wallace in Proc. Zool. Soc. 1865. p. 411. — Habitat «Night Island» Australiae septentrionalis (Macgillivray), ins. Aru (Wallace). — Variat anfractu ultimo distinctius carinato. (III. 220.)

2198. **H. labium Férussac.**

T. umbilicata, turbinato-depressa, solidula, oblique striatula, parum nitens, fulvida, fascia 1 castanea peripherica, vel

superne lutescens a medio partis superae anfr. ultimi usque ad aream parvulam umbilicarem luteam castanea et epidermide tenui hydrophana obducta; spira breviter conoidea, acutiuscula; sutura submarginata; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus depressus, utrinque modice convexus; apertura obliqua, late lunaris, ad dextram subcanaliculata; perist. album, late expansum et reflexum, ad dextram angulatim productum, margine basali leviter arcuato, columellari brevi, fornicatim reflexo, umbilicum angustissimum fere occultante. — Diam. maj. 38, min. 30, alt. 18 mill. (Mus. Cuming.)

*Helix labium* Fér. Hist. t. 64. f. 6! Nec *Pfr.* Mon. Conf. species sequens.

— — (*Geotrochus*) «Fér., vix *Pfr.*» Mörch Cat. Yold. p. 9.

— — (*Papuina*) Alb. Hel. ed. Mart. p. 167.

*Papuina labium* Wallace in Proc. Zool. Soc. 1865. p. 444.

Habitat in parte septentrionali insulae Novae Guineae (Mörch, Wallace).

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2199. (1648.) **pseudolabium** Pfr. (Coll. Nr. 1087.) *Helix labium* Pfr. Symb., in Chemn. ed. II. et Monogr., nec Fér. — Peristoma album vel nigro-castaneum. — Habitat in insula Mindanao (Cuming).

2200. (1649.) **lituus** Less. — *Papuina* A<sup>2</sup>. 167. — Nova Guinea. (I. 326.)

2201. (1650.) **bigonia** Fér. (Coll. Nr. 1088.) Obba A<sup>2</sup>. 159. — *H. Samarensis* Pfr. — Philippin. (I. 334.)

2202. (1651.) **multizona** Less. — *H. tenuiradiata* Quoy, spectrum Reeve. — Ins. Waigiou, (Wallace in Mus. Cuming.) (I. 326. IV. 258.)

### 2203. **H. seminigra** Morelet. †

«T. subobtectae umbilicata, turbinata, solida, inaequaliter striata, nitida; spira conoideo-rotundata, apice obtusa; anfr.  $6\frac{1}{2}$  vix convexi, priores fulvacei, obscure fasciati, ultimus atropurpureus, celeriter descendens, basi subplanatus, circa umbilicum paululum excavatus; sutura irregulariter crenulata, pallide marginata; apertura perobliqua, ovato-lunaris, intus saturate plumbea; peristoma subincrassatum, album, marginibus callo tenui junctis, breviter expansis, columellari superne dilatato, patente, umbilicum parvum semitegente. — Diam. maj. 33, min. 28, altit. 24 mill.» (M.)

*Helix seminigra* Morel. in Journ. Conch. XII. 1864. p. 289.  
Habitat Queensland Australiae.

### 2204. **H. Mysolensis** Pfr.

T. subobtectae umbilicata, trochiformis, solidula, leviter striatula, nitida, alabastrina, ad suturam fascia 4 cretacea et

praeterea 1—2 fuscis notata; spira convexo-conoidea, vertice acute mammillato; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus periphæria obsolete subangulatus, basi planiusculus, fuscus; columella obliqua, compressa, basi truncata; apertura perobliqua, subtrapezoidea; perist. album, margine supero expanso, ad dextram effuso, basali reflexo, columellari dilatato, supra rimam umbilicalem adnato. — Diam. maj.  $28\frac{1}{2}$ , min. 22, alt. 22 mill. (Mus. Cuming.)

*Helix Mysolensis* Pfr. in Proc. Zool. Soc. 1862. p. 270; Novit. conch. p. 206. Nr. 307. t. 54. f. 7. 8.

*Papuina Mysolensis* Wallace in Proc. Zool. Soc. 1865. p. 411.

Habitat in insula Mysol (Wallace).

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2205. (1652.) **Largillierti Phil.** (Coll. Nr. 1089.) *H. immaculata* Ad. et Rv. — Lew Kiew. (III. 221.)

2206. (1653.) **Eddystonensis Reeve.** — Australia. (IV. 259.)

2207. (1654.) **motacilla Pfr.** — Novit. conch. p. 111. — Eddystone Island Admiralitatis. (IV. 259.)

(1655. *Sachalensis* Pfr. vid. Nr. 2171 in §. 107.)

#### 2208. **H. nigrofasciata Pfr.**

T. anguste umbilicata, globoso-trochiformis, solidula, oblique regulariter striata, lineisque impressis antrorsum descendibus dense decussata, lutea, fasciis 2 latis nigris et interdum cinnamomea infra illas cincta; spira turbinata, vertice acutiusculo; anfr. 4 convexi, ultimus inflatus, antice vix descendens, subtus spiraliter leviter striatus; apertura obliqua, rotundato-lunaris, intus alba, nigro fasciata; perist. album, marginibus convergentibus, dextro anguste expanso et reflexiusculo, columellari late reflexo, supra umbilicum fornicatim dilatato. — Diam. maj. 19, min. 17, alt. 13 mill. (Coll. Nr. 1090.)

*Helix nigrofasciata* Pfr. in Proc. Zool. Soc. 1863. p. 524.

Habitat in insulis Admiralitatis.

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2209. (1656.) **migratoria Pfr.** (Coll. Nr. 1091.) Ins. Salomonis. (IV. 260.)

2210. (1657.) **Hariola Bens.** — Pfr. Novit. conch. p. 134. — Birmaniam. (IV. 260.)

2211. (1658.) **oenostoma Desh.** † — Habitat? (III. 221.)

2212. (1659.) **Tritoniensis Guill.** † — Nova Guinea. (I. 328.)

2213. (1660.) **sinistrorsa Desh.** — *Bulimus sinistrorsus* Desh., Montrouz. in Journ. Conch. VII. 1859. p. 287. t. 8. f. 3. (*Draparnaudia Michaudi* Montrouz. antea.) Nova Caledonia. (III. 322.)

## §. 408 a.

*(Turbinato-depressae carinatae.)*2214. **H. Swinhoei Pfr.**

T. mediocriter umbilicata, turbinato-depressa, solidula, oblique ruguloso-striata, striisque spiralibus confertissimis subtiliter sculpta, unde subsericea, fulvo-fusca, submarmorata; spira breviter turbinata, obtusula; anfr. 5—5½, superi planiusculi, ultimus vix descendens, superne subtumidus, medio carina prominente obtusa cinctus, subtus inflatus; apertura diagonalis, rotundato-lunaris, intus coerulescenti-margaritacea; perist. carneo-fuscum, marginibus convergentibus, callo tenui junctis, supero anguste expanso, basali reflexiusculo, versus insertionem sensim dilatato. — Diam. maj. 52—58, min. 43—48, alt. 27—28 mill. (Mus. Cuming. et Coll. Nr. 4092.)

β. Minor, fulva, peristomate pallide roseo, apertura intus alba; diam. maj. 46, min. 39, alt. 25 mill.

*Helix Swinhoei* Pfr. in Proc. Zool. Soc. 1865. p. 829. t. 46. f. 6; Malak. Bl. XIII. 1866. p. 44.

Habitat in insula Formosa (Swinhoe).

## §. 409.

2215. (1661.) **Ghiesbreghti Nyst.** (Coll. Nr. 4093.) Aglaia A<sup>2</sup>. 122. — America central. (I. 328.)

2216. (1662.) **Cecillei Phil.** (Coll. Nr. 4094.) Hadra A<sup>2</sup>. 166. — Camena Mart. Ostas. Zool. II. p. 48. — China. (III. 221.)

2217. (1663.) **germanus Reeve.** — Hadra A<sup>2</sup>. 166. — Camena Mart. Ostas. Zool. II. p. 28: Japonia (A. Adams.) — *H. orientalis* Ad. et Rv. — Borneo. (?) (III. 222.)

2218. (1664.) **eximia Pfr.** (Coll. Nr. 4095 juv.) Honduras. (I. 329.)

2219. (1665.) **appendiculata Pfr.** — Hadra A<sup>2</sup>. 166. — Australia. (IV. 261.)

2220. (1666.) **Palawanica Pfr.** — Borneo. (IV. 261.)

2221. (1667.) **semicastanea Pfr.** (Coll. Nr. 4096.) Hadra A<sup>2</sup>. 165. — *H. bipartita* Rouss. — Australia. (III. 222.)

2222. (1668.) **cicatricosa Müll.** (Coll. Nr. 4097.) Camena A<sup>2</sup>. 165. — Mart. Ostas. Zool. II. p. 47.\* — *H. cicatrosa* Desh., *senegalensis* Chemn., *chinensis* Voigt. — China. (I. 330.)

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\*) «Testa sinistrorsa, semiobtectae perforata, globoso-depressa, striata et irregulariter spiralim undulato-rugosa, fulva, fasciis rufis numerosis picta; anfr. 5½, superi plani, sequentes convexiusculi, ultimus obtuse angulatus, angulo antrorsum evanescente, basi convexus, regione umbilicari subgibbosa, antice non descendens; apertura diagonalis, lunato-semielliptica, intus violascens; peristoma expansum, album, subincrassatum,



2223. **H. Waigiouensis H. Adams. †**

«T. subobtectae perforata, depresso-turbinata, tenuiuscula, plicato-striata, pallido-fulva, ad suturam et peripheriam albo-fasciata, et fasciis angustis fulvis ornata; spira conoidea, acutiuscula; anfr. 5, convexiusculi, ultimus depresso-rotundatus, antice descendens; apertura perobliqua, lunato-ovalis; perist. album, late expansum et reflexiusculum, cum margine columellari angulatim dilatato, supra perforationem reflexo, et intus tuberculo elongato munito. — Diam. maj. 40, min. 32, alt. 24 mill.» (A.)

*Helix* (Geotrochus) *Waigiouensis* H. Adams in Proc. Zool. Soc. 1865. p. 445.

Habitat in insula Waigiou (Wallace).

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2224. (1669.) **quacsita Desh.** (Coll. Nr. 4098.) Camena A<sup>2</sup>. 465. — *Mart. Ostas. Zool. II. p. 28.\**) t. 15. f. 5. — Color testae virenti-corneus, rugis lutescentibus, opacis. — Habitat in Japonia (Fortune). Conf. *Martens* in *Malak. Bl.* 1860. p. 33. (III. 223. IV. 262.)

2225. **H. Perryi Jay. †**

«Testa profunde umbilicata, sinistrali, depresso-globulosa, intense virente olivacea, anfractibus septem, arcuatim tenuistriata, ad peripheriam pallide fusco-fasciata, umbilico perspectivo, intus fusco-lutescente.» (J.)

marginibus distantibus, callo tenui junctis, columellari breviter arcuato et dilatato.

a.	Diam.	maj.	50,	min.	40 1/2,	alt.	33;	apert.	long.	32,	lat.	26	mill.
b.	—	—	44,	—	35,	—	32;	—	—	30,	—	23	—
c.	—	—	40,	—	32,	—	27;	—	—	26,	—	20 1/2	—
d.	—	—	36,	—	30 1/2,	—	25 1/2;	—	—	23,	—	18 1/2	—
e.	—	—	37,	—	30,	—	23 1/2;	—	—	23,	—	19 1/2	—

China meridionalis. Non raro in montibus Pak-wan-shan prope Kanton.» (v. M.)

\*) «Testa sinistrorsa, aperte umbilicata, depresso-conoideo-globosa, oblique ruguloso-striata et lineis subtilissimis spiralibus decussata, lutea, plerumque fascia peripherica unica angusta et regione umbilicali castaneis; anfr. 5 1/2—6, convexiusculi, ultimus basi inflatus, ad apicem modice descendens; apertura valde obliqua, late lunaris; peristoma reflexum, album, marginibus distantibus, callo vix conspicuo junctis, supero ad insertionem arcuato, dein substricto, basali parum arcuato, fusciscente, haud dilatato.

Diam. maj. 46, min. 37, alt. 34; apert. long. 24, alt. 24 mill.

— — 36, — 28 1/2, — 25; — — 20, — 20 —

— — 32, — 25, — 22; — — 17 1/2, — 17 1/2 —

Yokohama, Tabusima, Awasima.» (v. M.)

*Helix Perryi* Jay in Narr. Perry's exp. II. p. 294. t. 5. f. 7. 9.  
 Conf. *Martens* in Malak. Bl. 1860. p. 34  
 et Ostas. Zool. II. p. 28; ubi ad praece-  
 dentem reducitur.

Habitat in Japonia.

2226. **H. Formosensis Pfr.**

T. sinistralis, umbilicata, subturbinato-depressa, tenuius-  
 cula, oblique subtiliter striata, sub epidermide tenuissima cerea  
 albida; spira breviter turbinata, vertice obtuso; anfr.  $5\frac{1}{2}$  regu-  
 lariter accrescentes, parum convexi, ultimus peripheria obsolete  
 unifasciatus et subangulatus, antice vix descendens, subtus con-  
 vexus, striis spiralibus minutissimis sculptus, circa umbilicum  
 mediocrem, profundum non compressus; apertura diagonalis,  
 late lunaris; perist. subincrassatum, marginibus remotis, supero  
 sinuato, expansiusculo, basali reflexo, ad insertionem dila-  
 tato. — Diam. maj. 26, min.  $22\frac{1}{2}$ , alt. 12—13 mill. (Mus.  
 Cuming.)

*Helix Formosensis* Pfr. in Proc. Zool. Soc. 1865. p. 829.  
 t. 46. f. 7; Malak. Bl. XIII. 1866. p. 41.

Habitat in insula Formosa (Swinhoe).

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2227. (1670.) **caliginosa** Ad. et Rv. † — Mindanao. (III. 223.)  
 2228. (1671.) **monochroa** Sow. (Coll. Nr. 1099.) Hadra A<sup>2</sup>. 165. —  
 Philippin. (I. 330.)  
 2229. (1672.) **mercatoria** Gray. — Hadra A<sup>2</sup>. 166. — Ins. Liukiu.  
 (Mart. Ostas. Zool. II. p. 59.) (I. 331.)

2230. **H. Scotti Cox. †**

«Hel. testa anguste umbilicata, turbinato-globosa, radiatim  
 rugoso-striata, undique minute granulata, subpellucida, casta-  
 nea, apice pallida; anfractibus sex, convexiusculis, ultimo tumido  
 et rotundato; apertura lunato-subcirculari, peristomate modice  
 incrassato, recto, parum reflexo, intus albido. — Diam. maj.  
 4,50, min. 4,25, alt. 0,90 unc.» (C.)

*Helix Scotti* Cox Catal. Austr. landsh. 1864. p. 36.

Habitat «Mount Keera, Wollongong» Australiae (Mrs. Edward  
 Forde).

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2231. (1673.) **ammiralis** Pfr. (Coll. Nr. 1100.) Hadra A<sup>2</sup>. 166. —  
 Camena Mart. Ostas. Zool. II. p. 48. — China. (IV. 162.)  
 2232. (1674.) **Hombroni** Pfr. (Coll. Nr. 1101.) Hadra A<sup>2</sup>. 165. — *H.*  
*Janellei* Hombr. et Jacq. — Ins. Admiralitatis, Salomonis. (IV. 262.)

2233. **H. Aurora Pfr.**

*T. umbilicata*, turbinato-depressa, solidula, irregulariter striatula, parum nitens, unicolor fusca; spira breviter conoidea, vertice minuto, acutiusculo; anfr.  $4\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus peripheria carinatus, antice vix descendens, subtus parum convexus; apertura obliqua, lata, depressae lunaris, intus roseo-margaritacea; perist. pallide roseum vel lilaceo-carneum, marginibus convergentibus, supero horizontaliter abeunte, expanso, ad dextram subeffuso, basali vix arcuato, reflexo, columellari lamina fornicata dilatata umbilicum angustum fere occultante. — Diam. maj. 30, min. 24, alt. 17 mill. (Mus. Cuming.)

*Helix Aurora Pfr.* in Proc. Zool. Soc. 1862. p. 271; Novit. conch. p. 207. Nr. 308. t. 54. f. 9—11.

*Papuina Aurora Wallace* in Proc. Zool. Soc. 1865. p. 411.

Habitat in insula Waigiou (Wallace).

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2234. (1675.) **Herrmannseni Pfr.** — Dorcasia A<sup>2</sup>. 107. — *H. Koreana Pfr.* olim. — Korea. (III. 223.)

2235. (1676.) **Sauliae Pfr.** — *H. palumba Souv.* in Journ. Conch. VIII. 1860. p. 369; X. p. 248. \*) t. 10. f. 5. — Habitat? (I. 331.)

2236. **H. Greenhilli Cox. †**

«*Hel. testa umbilicata*, globoso-turbinata, laevigata, obsolete striata, lineolis undulatis minutissimis confertis sub lente manifestis, rufo-castanea, subtus viridi-fulva; anfractibus sex, ultimo peramplo, convexo, caeteris convexiusculis; apertura lunato-subcirculari, peristomate tenui, modice reflexo, columella basi dilatata, umbilicum fere obtegente, labro intra albido, extra viridi-fulvo. — Diam. maj. 1,20, min. 1,00, alt. 0,90 unc.» (C.)

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\*) «*T. profundissime umbilicata*, orbiculato-convexa, subtenuis, confertim oblique plicatulo-striata, concentrice et laxae substriata, subtus marginis distincte, pallido-fulva, fascia alba ad peripheriam utrinque rufo-marginata, et altera alba, lata, postice evanescente circa umbilicum ornata; spira convexa, apice obtusa; anfr. 4 convexi, rapide accrescentes; ultimus antice subito deflexus, ad peripheriam obtuse subangulatus, pone labrum subconstrictus; sutura impressa; apertura obliqua, transverse lunaris, rufo-marginata, margine fasciis albis interrupto, intus concolor, fasciis perlucetibus; peristoma acutum, reflexum, circa perforationem mediocriter apertam late reflexum et rufo-tinctum; area umbilicali antice rufa. — Diam. maj. 28, min.  $24\frac{1}{2}$ , alt. 20 mill. — Habitat? Mus. Burdigalense.» (Souv. l. c.)

*Helix Greenhilli* Cox in Proc. Zool. Soc. 1865. p. 696; Journ. Conch. XIV. p. 46.

Habitat Queensland Australiae.

2237. **H. Bocageana Crosse. †**

«T. anguste umbilicata, depresso-globosa, parum crassa, longitudinaliter rugoso-striata, spiraliter striis obsoletissimis decussatula, pellucida, sordide flavescens castaneo - unifasciata; spira apice obtusula; anfr. 6 convexiusculi, ultimus antice vix descendens, circa umbilicum mediocrem subdepressus; apertura transversim dilatata, lunaris; peristoma pallide fusco-violaceum, margine columellari superne fornicatim dilatato, umbilici partem obtegente, externo subattenuato; fauce alba, castaneo - unifasciata. — Diam. maj.  $25\frac{1}{2}$ , min. 22, alt. 19 mill.» (Cr.)

*Helix Bocageana* Crosse in Journ. Conch. XII. 1864. p. 284; XIV. 1866. p. 58. t. 1. f. 4.

Habitat in China?

2238. **H. deliciosa Pfr.**

T. umbilicata, depresse turbinato-globosa, tenuiuscula, subdistanter plicatulo-striata, parum nitens, isabellina, lineis rufis eleganter circumdata; spira conoidea, acutiuscula; anfr. fere 6 convexiusculi, ultimus non descendens, supra medium filoso-angulatus et fascia latiore rufa cinctus, basi convexus; umbilicus angustus, pervius; apertura fere verticalis, rotundato-lunaris; perist. pallide roseum, expansum, marginibus vix convergentibus, dextro medio subangulatim producto, columellari dilatato, fornicato. — Diam. maj. 26, min. 23, alt.  $15\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix deliciosa* Pfr. in Proc. Zool. Soc. 1862. p. 271. t. 36. f. 3. Habitat «Lao Mountains» Cambojae (Mouhot).

2239. **H. bacca Pfr.**

T. umbilicata, globoso-depressa, solida, levissime striatula, albo-lutescens, fasciis 3 castaneis, peripherica latiore, ornata; spira breviter turbinata, vertice subtili, carneo; anfr.  $5\frac{1}{2}$  modice convexi, ultimus non descendens, basi subinflatus, striis spiralibus obsoletissimis sculptus, circa umbilicum angustissimum impressus; apertura parum obliqua, lunaris, intus alba, fasciis pellucetibus; perist. album, undique breviter reflexum, marginibus remotis, basali ad insertionem dilatato, subangulato. — Diam. maj.  $23\frac{1}{2}$ , min.  $20\frac{1}{2}$ , alt. 14 mill. (Mus. Cuming.)

*Helix bacca* Pfr. in Proc. Zool. Soc. 1865. p. 829. t. 46. f. 8;  
Malak. Bl. 1866. p. 42.

Habitat in insula Formosa (Swinhoe).

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2240. (1677.) **Dunkiensis Forb.** — Australia bor. (III. 224.)

2241. (1678.) **lucana Müll.** (Coll. Nr. 1102.) Dorcasia A<sup>2</sup>. 107. — *H. lucana* Gmel. — Promont. bonae spei. (I. 334.)

2242. (1679.) **Alexandri Gray.** — Dorcasia A<sup>2</sup>. 107. — Damarha Africae meridionalis. (I. 332.)

2243. (1680.) **prunum Fér.** (Coll. Nr. 1103.) *H. pelodes* Pfr. — Australia. (I. 332.)

2244. (1681.) **Yulei Forb.** — Australia borealis. (III. 224.)  
(1682. *Gaskoini* Pfr. vid. Nr. 2601 in §. 122.)

#### 2245. **H. Curtisiana Pfr.**

T. anguste umbilicata, conoideo-semiglobosa, solida, striata, castanea; spira conoideo-convexa, superne albida, vertice obtusulo; sutura albo-filosa; anfr. 6 lente accrescentes, ultimus magnus, convexus, supra medium subangulatus, basi planiusculus, antice descendens; apertura fere diagonalis, rotundato-lunaris; perist. vix incrassatum, anguste expansum, margine columellari superne triangulatim dilatato. — Diam. maj. 29, min. 25, alt. 17 mill. (Coll. Angas.)

*Helix Curtisiana* Pfr. in Proc. Zool. Soc. 1863. p. 528.

Habitat Port Curtis Australiae.

#### 2246. **H. Cailleti Crosse. †**

«T. vix rimata, turbinato-globosa, crassiuscula, longitudinaliter ruguloso-striata, tenuissime subgranosa, saturate castaneo-brunnea; spira breviter conoidea, apice obtusula; anfr. 6 convexi, ultimus inflatus, obscure subangulatus, antice descendens, circa rimam umbilicalem subcompressus; apertura diagonalis, lunato-rotundata, intus livide violacea, submargaritacea; peristoma pallidius, violaceo-carneum, undique breviter expansum, reflexum, marginibus subconvergentibus, columellari superne dilatato, fornicatim reflexo. — Diam. maj. 32, min. 28, alt. 22 mill.» (Cr.)

β. «Pallidior, viridulo-lutea, minus crassa, peristomate albedo; diam. maj. 28, min. 25, alt. 18 mill.»

*Helix Cailleti* Crosse in Journ. Conch. XII. 1864. p. 285; XIV. 1866. p. 59. t. 1. f. 5.

Habitat in Oceania.

2247. **H. Mabillei Crosse.** †

«T. anguste umbilicata, turbinato-globosa, tenuiuscula, pellucida, longitudinaliter rugoso-striata, pallide fusca; spira breviter conoidea, apice obtusula; anfr. 5 convexi, ultimus inflatus, subangulatus, antice descendens, subtus nitens, viridulo-flavus, circa umbilicum mediocrem, pervium subcompressus; apertura diagonalis, ampliter lunato-rotundata, intus livide margaritacea; peristoma albidum, marginibus callo tenui, nitido junctis, supero leviter dilatato, non reflexo, columellari parum obliquo, superne dilatato, fornicatim reflexo, umbilici partem occultante. — Diam. maj. 24, min. 21, alt. 16 mill.» (Cr.)

β. Minor, peristomate violacescente, umbilico vix partim oblecto, brunneo circumdato. — Diam. maj. 20, min. 17, alt. 13 mill.

*Helix Mabillei Crosse* in Journ. Conch. XII. 1864. p. 285;  
XIV. 1866. p. 60. t. 1. f. 6.

Habitat in Oceania.

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2248. (1683.) **chlorozona Grat.** — Ampelita A<sup>2</sup>. 163. — Madagascar.  
(I. 331. III. 225.)

2249. (1684.) **Vesconis Mor.** † — Ampelita A<sup>2</sup>. 163. — Madagascar.  
(III. 225.)

2250. (1685.) **Bonplandi Lam.** (Coll. Nr. 1104.) Eurycampta A<sup>2</sup>. 127.  
— Cuba. (I. 333.)

2251. (1686.) **supertexta Pfr.** (Coll. Nr. 1105.) Eurycampta A<sup>2</sup>. 127.  
— Cuba. (I. 333.)

2252. **H. arctistria Pfr.**

T. umbilicata, conoideo-depressa, solidula, oblique confertim costulato-striata, pallide fuscescens vel brunnea, fasciis 2 nigricantibus periphericis et fasciis numerosis epidermidis albae signata; spira conoideo-elevata, vertice subtili; anfr. 4½ modice convexi, ultimus depresso-rotundatus, antice profunde descendens; apertura perobliqua, lunato-ovalis; perist. carneo-albidum, marginibus convergentibus, supero expanso, basali reflexo, versus insertionem dilatato, umbilicum angustissimum fere obtegente. — Diam. maj. 28, min. 23, alt. 14 — 15 mill. (Coll. Nr. 1106.)

*Helix arctistria Pfr.* in Malak. Bl. XII. 1865. p. 118; Novit. conch. Fasc. XXIII. p. 271. Nr. 383. t. 67. f. 9. 10.

Habitat «Ensenada de Corrientes» insulae Cubae.

Obs. Differt ab affinibus (*Bonplandi* et *supertexta*) sculptura, anfractu ultimo depresso, apertura fere horizontali, etc.

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2253. (1687.) **loxotropis Pfr.** (Coll. Nr. 1107.) *Planispira* A<sup>2</sup>. 161. — *Mart. Ostas. Zool. II. p. 304.\**) t. 16. f. 2. 3 cum varr. — *Planispira loxotropis* Wallace in Proc. Zool. Soc. 1865. p. 409. — Gilolo. (III. 226.)

2254. **H. Lorquini Pfr.**

T. anguste umbilicata, depressa, tenuis, minute striatula, nitidula, unicolor cerea; spira parum elevata, vertice subtili; anfr. 5 planiusculi, ultimus depressus, peripheria fere subangulatus, antice crista transversa magis minusve prominente munitus, pone aperturam constrictus, subtus convexiusculus; apertura perobliqua, subelliptica; perist. album, marginibus approximatis, dextro late expanso et revoluta, basali reflexo et prope insertionem intus leviter incrassato. — Diam. maj. 25—26, min. 20, alt. 10 mill. (Coll. Nr. 1108.)

*Helix Lorquini* Pfr. in Malak. Bl. XII. 1865. p. 122; Novit. conch. Fasc. XXIII. p. 273. Nr. 385. t. 67. f. 14. 15.

Habitat in insulis Moluccis (Lorquin).

Obs. Affinis praecedenti; differt testa tenui, spira humili, anfractibus planioribus et peristomate multo latius expanso. — Cl. v. *Martens* speciem tamquam *H. loxotropidis* var. *pressam* laudat, sed iconi ejus (t. 16. f. 2) minime respondet.

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\*) «Testa anguste et subobtectate perforata, depresso conoidea, subangulata, arcuatim striatula, opaca, virescenti-olivacea, fasciis fuscis infra magis distinctis et latioribus picta, infima umbilico approximata, regione suturali pallida; spira sat elevata, obtusa; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus infra planatus, peripheria subangulatus, antice distincte descendens, oblique gibbosus, dein constrictus; apertura subhorizontalis, ovata, extrorsum distincte sursum flexa; peristoma subincrassatum, undique praeter insertionem marginis superi latiuscule reflexum, album, marginibus valde appropinquatis et callo tenui junctis, columellari inermi. — Diam. maj. 24—31, min.  $18\frac{1}{2}$ — $22\frac{1}{2}$ , alt. 13—19; apert. long.  $15$ — $16\frac{1}{2}$ , alt. 11—14 mill.

*A. Bernsteinii*: major, sat conica, isabellino-flava, zona suturali alba, fascia peripherica modice lata et basali lata fusconigris.

*B. laticlavata*: media, olivacea, depresso conica, zona suturali alba, fasciis superis distinctis, sutura anfractus ultimi ad aperturam usque in interstitium fasciae penultimae et ultimae deflexa. (fig. 3 b.)

*C. angusticlavia*: minor, sat conica, fuscovirescens, zona suturali albidula angusta, fasciis superis obsoletis vel nullis, sutura anfractus ultimi ad aperturam ad fasciam penultimam deflexa. (f. 3.)

*D. laetecincta*: minor, depresso conica, pallide virescentiflava, zona suturali alba latiuscula, fascia supera, peripherica et basali aequaliter latiusculis, intense castaneis.

*E. pressa*: mediocris, depressa, albida, zona suturali alba angustissima, fasciis superis distinctis, sutura anfractus ultimi ad aperturam usque ad fasciam ultimam deflexa. (f. 2.) *H. Lorquini* Pfr.?» (v. M.)

2255. (1688.) **Recluziana Guill.** † — Habitat? (I. 334.)

2256. (1689.) **mucida Pfr.** — Percy's Island. (IV. 264.)

2257. **H. grossularia Pfr.**

T. angustissime umbilicata, turbinato-depressa, tenuiuscula, striis incrementi confertissimisque antrorsum descendentibus decussata, pallide isabellina, maculis corneis subfasciatim dispositis variegata; spira conoidea, vertice subtili; anfr.  $4\frac{1}{2}$  modice convexi, ultimus subinflatus, obsolete carinatus, antice breviter descendens, rotundatus; apertura obliqua, sinuato-lunaris; perist. album, marginibus convergentibus, dextro anguste expanso, antrorsum flexuoso, basali reflexo, columellari superne fornicatim dilatato. — Diam. maj. 18, min. 16, alt. 12 mill. (Mus. Cuming.)

β. Testa albida, castaneo-trifasciata.

*Helix grossularia Pfr.* in Proc. Zool. Soc. 1861. p. 192; Novit. conch. p. 178. Nr. 279. t. 48. f. 5. 6.

Habitat in Nova Georgia (Macgillivray).

2258. **H. Peguensis Benson.** †

« Testa anguste umbilicata, globoso-depressa, solidiuscula, oblique rugoso-striatula, nitidiuscula, translucente, rufo-cornea, obscure unifasciata; spira conoidea, apice obtusa, sutura profundiuscula, rugose submarginata; anfractibus 5, vix convexis, lente accrescentibus, ultimo rotundato, supra peripheriam obtuse angulato, antice leviter descendente, circa umbilicum compressiusculo; apertura obliqua, rotundato-lunari; peristomate expansiusculo, livide albo-violaceo, marginibus remotis subconniventibus, columellari expanso, reflexiusculo, umbilicum leviter occultante. — Diam. maj. 20, min. 18, axis 13 mill. » (B.)

*Helix Peguensis Bens.* in Ann. and Mag. n. h. 3d. ser. VI. (Sept. 1860.) p. 192.

Habitat Pegu (Haughton).

2259. **H. Phayrei Theobald.** †

« T. modice umbilicata, orbiculato-conoidea, solidiuscula, alba, epidermide cornea, nitida; sub epidermide oblique, ruditer et flexuose plicato-striata, peripheria obtuse angulata. Spira depresso-conoidea, apice obtuso, sutura vix impressa. Anfr. 6, convexiusculi, lente accrescentes, ultimus versus aperturam descendens et rotundatus; subtus convexus, circa umbilicum apertum, profundum compressus. Apertura subcirculari-lunata, diagonalis; perist. album, undique leviter expansum, marginibus

approximatis, callo junctis. — Diam. maj. 18, min.  $15\frac{1}{2}$ , axis 8 mill.» (Bl. angl.)

*Helix Phayrei* Theob. in Journ. As. Soc. 1859. XXVIII. p. 306.

— — *Blanf.* Contrib. to Ind. Malac. V. 1865. p. 26.  
(Descriptio emend.)

Habitat Ava.

2260. **H. Pilidion Benson. †**

«Testa anguste umbilicata, subgloboso - conoidea, tenuissima, laevigata, leviter striatula, striis remotiusculis elevatioribus corneo - fuscis, alteris confertissimis spiralibus decussantibus, translucente, albida, fascia unica peripherica rufa ornata; spira conoidea, apice obtusiusculo, sutura leviter impressa; anfractibus  $4\frac{1}{2}$ , sensim accrescentibus, convexiusculis, ultimo antice vix descendente, subtus convexo; apertura obliqua, quadrato-lunata, peristomate acuto, tenui, undique expansiusculo, marginibus remotis, subconniventibus, callo tenui junctis, columellari latiore, triangulato-expanso. — Diam. maj. 16, min. 13, axis 9 mill.» (B.)

*Helix Pilidion Bens.* in Ann. and Mag. n. h. 3d. ser. VI. (Sept. 1860.) p. 191.

Habitat in regione Peguensi.

2261. **H. hemiopta Benson. †**

«H. testa anguste umbilicata, depresso-conoidea, vix striatula, laeviuscula, minutissime granulata, opaca, albida; anfractu ultimo superne castaneo, versus peripheriam suturatiore; spira convexo-conoidea, apice obtuso, sutura vix impressa; anfractibus  $4\frac{1}{2}$ , convexiusculis, sensim accrescentibus, ultimo superne prope peripheriam obtuse angulatam concaviusculo, subtus convexiusculo; apertura obliqua, subquadrato-lunata, intus concolore, peristomate expansiusculo, superne antice arcuato, subtus breviter reflexo, marginibus remotis, columellari superne valde dilatato, umbilicum subtegente. — Diam. maj. 16, min.  $13\frac{1}{2}$ , axis 10 mill.» (B.)

*Helix hemiopta Bens.* in Ann. and Mag. n. h. 3d. ser. XI. (May 1863.) p. 318.

Habitat ad Portum Blair Andamanicum.

2262. **H. rufocincta Newcomb. †**

«H. testa depresso-globosa, cornea, rufo-unifasciata, umbilicata, sub lente decussato-striata; anfr. 6, ultimus non descendens; apertura subrotunda, labio reflexo, albo; sutura in-

pressa; columella non callosa. — Diam. maj. 0,70, min. 0,60, alt. 0,40 poll.» (N.)

*Helix rufocincta* Newc. in Proc. Calif. Ac. Mart. 1864. p. 116.  
Habitat San Diego et insula Santa Catalina Californiae.

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2263. (1690.) **dichroa** Pfr. (Coll. Nr. 1109.) Fruticicola Mart. Ostas. Zool. II. p. 45: Shanghai (Fortune). (I. 334.)
2264. (1691.) **tenuicostata** Dunk. (Coll. Nr. 1110.) Polymita A<sup>2</sup>. 146. — Mexico? (I. 335.)
2265. (1692.) **penicillata** Pfr. (Coll. Nr. 1111.) Polymita A<sup>2</sup>. 146. — Cuba. — An *H. atrolineata* Desh., Fér. Hist. t. 29 A. f. 4 — 7? (III. 226.)  
(1693. *Velasqueziana* Poey vid. *lucipeta* Poey Nr. 2267.)
2266. (1694.) **maculifera** Gut. † — Malak. Bl. 1858. p. 9. — Polymita A<sup>2</sup>. 146. — Cuba. (IV. 265.)  
(1695. *bellula* Poey vid. *lucipeta* Poey Nr. 2267.)
2267. (1696.) **lucipeta** Poey. (Coll. Nr. 1112.) Polymita A<sup>2</sup>. 146. — *H. picturata* Poey olim. — Cuba. — β. *H. Newcombiana*, postea *Velasqueziana* Poey, Pfr. in Malak. Bl. 1858. p. 9, Mon. Helic. IV. p. 264; Polymita A<sup>2</sup>. 146. — γ. *H. lepida*, postea *bellula* Poey, Pfr. Mon. IV. p. 265; Polymita A<sup>2</sup>. 146. (IV. 265.)
2268. (1697.) **fuscolabiata** Poey. (Coll. Nr. 1113.) Polymita A<sup>2</sup>. 146. — *H. subfusca* Poey olim. — Cuba. (IV. 266.)
2269. (1697 a.) **comta** Gundl. (Coll. Nr. 1114.) Pfr. in Malak. Bl. 1858. p. 180. — Polymita A<sup>2</sup>. 146. — Cuba. (IV. 266.)

#### 2270. **H. cesticulus** Gundlach.

T. angustissime et fere obtecte umbilicata, globoso-depressa, tenuiuscula, oblique et confertim costulato-striata, vix nitidula, albida vel carnea, fasciis undulatis vel interruptis fuscis varie picta, rarius subunicolor; spira breviter convexo-conoidea; anfr. fere 5 convexiusculi, ultimus rotundatus, antice deflexus; apertura perobliqua, lunato-ovalis; perist. pallide roseum, intus subincrassatum, marginibus convergentibus, dextro breviter expanso, columellari declivi, sursum dilatato, reflexo. — Diam. maj. 12<sup>1</sup>/<sub>3</sub> — 17, min. 10<sup>1</sup>/<sub>3</sub> — 14, alt. 7<sup>1</sup>/<sub>3</sub> — 9<sup>1</sup>/<sub>2</sub> mill. (Coll. Nr. 1115.)

*Helix cesticulus* Gundl. mss.; Pfr. in Malak. Bl. V. 1858. p. 179.

— — (Polymita) Alb. Helic. ed. Mart. p. 146.

— *variegata* Fér. Hist. t. 29 A. f. 8 — 13?

Habitat prope Santiago de Cuba.

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2271. (1698.) **tephritis** Mor. (Coll. Nr. 1116?) Cuba. (III. 80.)
2272. (1699.) **gilva** Fér. (Coll. Nr. 1117.) Polymita A<sup>2</sup>. 146. — *H. graminicola* Ad. — Cuba. (I. 335.)
2273. (1700.) **rufo-apicata** Poey. (Coll. Nr. 1118.) Polymita A<sup>2</sup>. 146. — Cuba. (IV. 266.)

2274. **H. amplecta Gundlach.**

T. anguste et aperte umbilicata, depressa, tenuis, confertim costulato-striata, sericea, pallide cornea, lineis 2 saturate fuscis ad peripheriam cincta; spira parum elata, vertice minuto; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus depresso-rotundatus, antice vix deflexus; apertura fere diagonalis, rotundato-lunaris; perist. tenue, marginibus conniventibus, dextro expansiusculo, basali breviter reflexo, columellari dilatato, patente. — Diam. maj.  $44\frac{1}{2}$  —  $45\frac{1}{2}$ , min. 42 — 43, alt. 8 mill. (Coll. Nr. 4449.)

*Helix amplecta Gundl.* mss.; *Pfr.* in Malak. Bl. VII. 1860. p. 17; XII. 1866. p. 56.

Habitat circa Nuevitas et Punta Maisí insulae Cubae.

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2275. (1701.) **Berlanderiana Moric.** (Coll. Nr. 4420.) *Binn.* Terr. Moll. IV. p. 49. (t. 49. f. 4.) — *Martens* in Malak. Bl. XII. 1865. p. 18. — *H. pachyloma Menke.* — Texas. (I. 323: *pachyloma*.)

2276. (1702.) **similaris Fér.** (Coll. Nr. 4424.) *Dorcasia* A<sup>2</sup>. 407. — *Fruticicola Mart.* Ostas. Zool. II. p. 7. 49. 43. 270. — *H. translucens King*, *Woodiana Lea*, *squalida Zgl.*, *addita Fér.* — Brasilia, India, etc. (I. 336.)

2277. **H. sculpturita Benson.**

«Testa umbilicata, globoso-depressa, striatula, confertim spiraliter acuducto-striata, nitidiuscula, albida, versus apicem et antice pallide rufescente, aliquando unifasciata; spira conoidea, apice obtuso, sutura impressa; anfractibus  $5\frac{1}{2}$  sensim accrescentibus, convexiusculis, ultimo rotundato, antice parum breviter descendente; apertura obliqua, rotundato-lunata, peristomate tenui, expansiusculo, margine columellari dilatato-expanso, umbilicum angustum profundum partim celante. — Diam. maj. 22, min. 19, axis 14 mill.» (B. — Coll. Nr. 4422.)

*Helix sculpturita Bens.* in Ann. and Mag. n. h. 3d. ser. III. (May 1859.) p. 394.

Habitat in regno Ava (Oldham).

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2278. (1703.) **cestus Bens.** (Coll. Nr. 4423.) *Dorcasia* A<sup>2</sup>. 407. — Bengal. (III. 227.)

2279. (1704.) **pliculosa Pfr.** — *Dorcasia* A<sup>2</sup>. 407. — Australia borealis. (IV. 267.)

2280. (1705.) **murina Pfr.** — *Dorcasia* A<sup>2</sup>. 407. — Ins. Admiralitatis, Australia bor. (IV. 267.)

2281. (1706.) **Brardiana Pfr.** — Ins. Bourbon. (III. 228.)

2282. (1707.) **flavescens Wieg.** (Coll. Nr. 4424: Veraacruz.) *Martens* in Malak. Bl. 1865. p. 18. (I. 337.)



2283. (1708.) **griseola Pfr.** (Coll. Nr. 4425.) *Binn. Terr. Moll.* IV. p. 55. t. 77. f. 20. (*H. albozonata* *Binn. Terr. Moll.* III. t. 49. f. 2, *albocincta* *Binn. ibid.* I. p. 409. 428.) — *Martens* in *Malak. Bl.* 1865. p. 48. — Mexico. — *H. cicercula* *Fér., splendidula* *Ant.* — *Helicigona* (Arianta) *griseola* *Mörch* in *Malak. Bl.* 1859. p. 444: a vulcano Masaya. (I. 337.)
2284. (1709.) **cicercula Desh.** † — Peru. (?) (III. 228.)

2285. **H. facta Newcomb.** †

«H. testa obtecte rimata, depresso-orbiculari, solida, compacta, glabra, albida, fusco-rubro unizonata; anfr. 5 ad 5½ convexiusculi, ultimus descendens; sutura modice impressa; apertura ovalis; labro crasso, reflexo, flavido. — Diam. maj. 0,42, min. 0,35, alt. 0,22 poll.» (N.)

*Helix facta Newc.* in *Proc. Calif. Ac.* III. 1864. p. 447.

Habitat in insulis Santa Barbara et San Nicolas Californiae.

Obs. Species cum *H. Rothi* *Pfr.* comparatur.

2286. **H. Gabbii Newcomb.** †

«H. testa subobtecte umbilicata, tenuis, pallide cornea, depresso-orbicularis, fusco obscure zonata; anfr. 5 convexis, ultimo descendente; sutura bene impressa; apertura suborbiculari; labro albo non calloso, reflexo. — Diam. maj. 0,40, min. 0,35, alt. 0,20 poll.» (N.)

*Helix Gabbii Newc.* in *Proc. Calif. Ac.* III. 1864. p. 447.

Habitat in insula San Clemente Californiae.

2287. **H. Sarelii Martens.** †

«Testa semiobtecta, globoso-depressa, striatula, cornea, concolor; spira obtuse conoidea; anfr. vix 4, rapide crescentes, convexiusculi, ultimus supra et infra subaequaliter convexus, antice sat deflexus; apertura valde obliqua, transverse-ovata, peristoma intus paulo incrassatum, rectum, marginibus conniventibus, columellari prope insertionem latiuscule reflexo. — Diam. maj. 44½, min. 9, alt. 6; apert. long. 7, lat. 5½ mill.» (v. M.)

*Helix Sarelii* (Fruticicola) *Mart.* *Ostas. Zool.* II. p. 44.

Habitat in provincia Szetschuen Chinae (Sarel).

2288. **H. mendax Martens.** †

«Testa globoso-depressa, mediocriter umbilicata, striatula, corneofulva; anfr. 3½, convexiusculi, ad suturam paulum excavati, ultimus subangulatus, basi convexus, antice valde deflexus; umbilicus angulo cinctus; apertura valde obliqua, ellip-



tica; peristoma tenue, reflexum, testae concolor, marginibus inter se approximatis, columellari arcuato, dilatato. — Diam. maj. 11, min. 9, alt.  $6\frac{1}{2}$ ; apert. long. 6, lat. 5 mill.» (v. M.)

*Helix mendax* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864.  
p. 524; (Fruticicola) Ostas. Zool. II. p. 272.  
t. 13. f. 14.

Habitat prope Atapupu insulae Timor.

Obs. «Persimilis *H. argillaceae* Fér. juniori, sed adulta!»

### 2289. *H. aridorum* Cox. †

«Hel. testa profunde umbilicata, depresso-globosa, solidiuscula, parum nitente, radiatim rugoso-striata, sub lente subtilissime granulata; infra laeviuscula, corneo-virescente; spira parva, late depressa, apice obtusa, sutura impressa, anfractibus  $4\frac{1}{2}$  convexis, ultimo peramplo, rotundato, tumido; apertura lunato-circulari, peristomate tenui, reflexo, margine columellari basi dilatato, et umbilicum semissem obtegente. — Diam. maj. 0,56, min. 0,50, alt. 0,40 unc.» (C.)

*Helix aridorum* Cox in Proc. Zool. Soc. 1865. p. 695; Journ. Conch. XIV. 1866. p. 47.

Habitat «Clarence River» Australiae (Macgillivray.)

### §. 410.

2290. (1710.) **fidelis** Gray. (Coll. Nr. 1126.) Aglaia A<sup>2</sup>. 122. — *H. Nuttalliana* Lea. — Oregon. — β. Major, subunicolor nigricans, anfr. ultimo subangulato; diam. maj. 36, min. 31; alt. 23 mill. (Mus. Cuming.) (I. 338.)

2291. (1711.) **stenomphala** Menke. (Coll. Nr. 1127.) Campylaea A<sup>2</sup>. 125. — Welebit Croatiae (Zebebor)! (I. 337.)

2292. (1712.) **Banatica** Partsch. (Coll. Nr. 1128.) Campylaea A<sup>2</sup>. 125. — Bielz Faun. Siebenb. p. 64. — *Arianta* (Campylaea) *banatica* Mörch in Journ. Conch. XIII. p. 388. — Banatus, Transylvania. (I. 338.)

2293. (1713.) **exarata** Pfr. — *Arionta* A<sup>2</sup>. 128. — California? (IV. 268.)

2294. (1714.) **Townsendiana** Lea. (Coll. Nr. 1129.) *Arionta* A<sup>2</sup>. 128. — Bland et Coop. in Ann. Lyc. N.-York VII. p. 362. — *H. pedestris* et *ruida* Gould olim. — California. (I. 341.)

2295. (1715.) **Californiensis** Lea. — *Arionta* A<sup>2</sup>. 127. — Binn. Terr. Moll. IV. p. 13. — Excludatur icon Reeveana et synonym. Valenc. — *H. vineta* Val., Pfr. Mon. IV. p. 269. Nr. 1717. — California.

2296. (1716.) **Nickliniana** Lea. (Coll. Nr. 1130.) *Arionta* A<sup>2</sup>. 127. — Binn. Terr. Moll. IV. p. 7. — *H. Californiensis* Pfr. Mon. I. p. 339 cum synonym. Reeve sp. 661. t. 115. — *H. arboretorum* Val., Binn. l. c. t. 76. f. 13 et *nemorivaga* Val., Binn. ibid. t. 79. f. 14. — California.

2297. (1716a.) **intercisa** W. G. Binn. † — Terr. Moll. IV. p. 8. (Pfr. Mon. IV. p. 349.) — Oregon.

2298. (1716b.) **anachoreta** **W. G. Binn.** † — Terr. Moll. IV. p. 11. t. 76. f. 5. (*Pfr.* Mon. IV. p. 349.) — California.  
 2299. (1716c.) **redimita** **W. G. Binn.** † — Terr. Moll. IV. p. 9. (*Pfr.* Mon. IV. p. 349.) — California?  
 (1717. *vineta* *Val.* Referenda ad *H. Californiensem* Nr. 2295 typicam.)

2300. **H. arrosa** **Gould.**

T. umbilicata, conico-globosa, solida, ruguloso-malleata et minute granulata, rufo-olivacea, flavido-variegata; spira conoidea, vertice acutiusculo; anfr. 7 parum convexi, lente accrescentes, ultimus rotundatus, supra peripheriam nigricanti-unifasciatus, antice parum descendens; apertura subdiagonalis, lunato-ovalis, intus livida, leviter margaritacea, fascia pellucente; perist. incarnatum, albido-labiatum, marginibus subconvergentibus, supero breviter expanso, basali reflexo, ad insertionem dilatato, supra umbilicum mediocrem patente. — Diam. maj. 34, min. 29, alt. 19—20 mill. (Coll. Nr. 1131.)

β. Minor, magis conica; diam. maj. 30, min. 26, alt. 20½ mill.

*Helix aeruginosa* *Gould* antea, nec *Pfr.*

— *arrosa* *Gould*, *Pfr.* Mon. Hel. IV. p. 350. Nr. 1786b.

— — *Gould* Otia conch. p. 215.

Habitat in California.

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2301. (1718.) **arbustorum** **Linn.** (Coll. Nr. 1132.) *Arionta* A<sup>2</sup>. 128. — *Bielz* Faun. Siebenb. p. 65. — *H. gothica* *Linn.*? — Varr.: *H. rudis* *Mlf.*, *picea* *Zgl.*, *Wittmanni* *Zaw.*, *Xatartii* *Far.*, *canigonnensis* *Boub.*, *alpestris* *Zgl.*, *subalpina* *Htm.*, *turgidula* *Wood.* — *Arianta arbustorum* *Mörch* Moll. Dan. p. 22 et *A. rudis* *Mörch* in Journ. Conch. XIII. p. 388. — Europa media. (I. 339.)  
 2302. (1719.) **aethiops** **Bielz.** (Coll. Nr. 1133.) *Bielz* Faun. Siebenb. p. 66. \*) — *H. arbustorum* var. A<sup>2</sup>. 128. — Transylvania. (IV. 269.)  
 2303. (1720.) **Estella** **Orb.** (Coll. Nr. 1134.) *Aglaia* A<sup>2</sup>. 122. — Bolivia. (I. 341.)  
 2304. (1721.) **lutacea** **Pfr.** — Novit. conch. p. 119. — Habitat? (IV. 270.)  
 2305. (1722.) **tudiculata** **Binn.** (Coll. Nr. 1135.) *Arionta* A<sup>2</sup>. 127. — California. (I. 283. IV. 270.)  
 2306. (1723.) **reticulata** **Pfr.** — *Arionta* A<sup>2</sup>. 128. — California. (IV. 270.)  
 2307. (1724.) **bicineta** **Pfr.** (Coll. Nr. 1136.) *Arionta* A<sup>2</sup>. 128. — Habitat Juquila, Mexico (*Boucard*). (I. 341.)  
 2308. (1725.) **vittata** **Müll.** (Coll. Nr. 1137.) *Eurystoma* A<sup>2</sup>. 129. — *H. zonula* *Wood*, *Spinolae* *Villa.* — Ceylon, Malabar, Coromandel. (I. 342.)

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\*) «Testa anguste umbilicata, depresso globosa, tenuis, strigosa et subtiliter decussata, fusco-vel olivaceo-nigra; peristomate parum reflexo albolabiato. — Alt. 5—7 lin., lat. 7—10 lin.; anfr. 5. — Habitat in montibus altissimis (6000—7000') Transylvanie.» (B.)

2309. (1726.) **deflexa Pfr.** (Coll. Nr. 1138.) *Thelidomus* A<sup>2</sup>. 144. — *Pfr.* in *Malak. Bl.* X. 1863. p. 199. — Cuba. (I. 342.)

2310. **H. multifasciata Weinland et Martens.**

T. anguste umbilicata, conoideo-semiglobosa, solida, regulariter et conferte costulata, carneo-albida, fasciis fuscis 8—10, interdum interruptis, ornata; spira brevis, apice brunnea; anfr. 5 planiusculi, ultimus basi convexus, antice deflexus; apertura perobliqua, transverse ovalis, intus cum fauce violacea (vel brunnea); perist. late reflexum, album, fusculo radiato-maculatum, marginibus approximatis, callo tenui junctis, columellari dilatato, umbilicum semitegente. — Diam. maj. 18, min. 15, alt. 10 mill. (Coll. Nr. 1139.)

*Helix multifasciata* Weinl. et Mart. in *Malak. Bl.* VI. 1859. p. 17.

— — (Polytaenia) *Alb. Hel.* ed. Mart. p. 129.

Habitat « Crooked Island » Bahamensium (Weinland).

2311. **H. Solorensis Martens.**

« Testa globosa, plus minusve obtecte umbilicata, striatula (vel rugulosa), alba, fasciis fuscis variis picta; spira convexa; anfr. 5½, sutura sat profunde discreti, ultimus rotundatus, valde descendens; apertura diagonalis, semiovata; peristoma reflexum, incrassatum, album, margine supero parum, infero late reflexo, columellari callose dilatato. — Diam. maj. 21, min. 17½, alt. 15 mill. » (v. M.)

β. Minor, umbilico omnino clauso; diam. maj. 18, min. 15, alt. 10½ mill. (Coll. Nr. 1140.)

*Helix Solorensis* Mart. in *Malak. Bl.* X. 1863. p. 179.

— — (Rhagada) Mart. *Ostas. Zool.* II. p. 277. t. 17. f. 3.

*Rhagada Solorensis* Wallace in *Proc. Zool. Soc.* 1865. p. 408

Habitat in insula Solor.

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2312. (1727.) **tomentosa Pfr.** (Coll. Nr. 1141.) *Dorcasia* A<sup>2</sup>. 107. — *Fruticicola* Mart. *Ostas. Zool.* II. p. 275.\* — Borneo. — Var. maj. (diam. 20 mill.) Labuan. (IV. 271.)

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\*) « Testa anguste et aperte umbilicata, globosa, striatula, quasi tomentosa, cinnamomeo-rufa; spira brevis, conoidea; anfr. 5, convexiusculi, ultimus rotundatus, basi usque ad umbilicum tumidus, antice vix descendens; apertura subperpendicularis, rotundato-lunaris, intus rosea; peristoma undique latiuscule reflexum, roseo-album, crassiusculum, marginibus sat distantibus, columellari angulatim in basalem transeunte, dilatato. — Diam. maj. 18—20, min. 15—16, alt. 13—14½; apert. long. 12 lat. 11 mill. » (v. M.)

2313. (1728.) **desertorum Forsk.** (Coll. Nr. 1142.) Euparypha A<sup>2</sup>. 130.  
 — Martens in Malak. Bl. XII. 1865. p. 188. — *H. maculosa*  
 Born, *Rhodia Chemn.*, *irregularis Fér.*, *phytophila Parr.*, *Fors-*  
*kalii* et *Hemprichii Ehrenb.*, *arabica Roth.* (Mouss. Coq. voy.  
 Roth p. 28.) — *Erinna desertorum Mörch* in Journ. Conch.  
 XIII. p. 387. — Excludatur *H. Hasselquisti Ehrenb.* Nr. 1931 in  
 §. 91. (I. 343.)
2314. (1729.) **multistriata Desh.** (Coll. Nr. 1143.) Polymita A<sup>2</sup>. 146.  
 — *H. circumtexta Fér.*, *vesica Lea*, *bicincta Menke*, *adjuncta Zgl.*  
 — Cuba. (I. 134.)
2315. (1730.) **Pityonesica Pfr.** (Coll. Nr. 1144.) Thelidomus A<sup>2</sup>. 146.  
 — Cuba. (IV. 272.)

2316. **H. parallela Poey.**

T. umbilicata, conico-semiglobosa, solidula, liris spiralibus  
 filaribus confertis sculpta, rubello-albida vel lutescens, fasciis  
 2 castaneis ornata; spira subregulariter conoidea, vertice mi-  
 nuto; anfr. 6 convexiusculi, ultimus periphèria obsolete angu-  
 latus, antice gibbus, pone aperturam constrictus et breviter  
 deflexus; apertura diagonalis, irregulariter lunaris, intus mar-  
 garitaceo-albida; perist. album, margine dextro arcuato, bre-  
 viter expanso, columellari substricto, reflexo, ad insertionem  
 dilatato, umbilicum angustum semitegente. — Diam. maj. 23,  
 min. 19, alt. 14½ mill.» (Coll. Nr. 1145.)

*Helix parallela Poey* Mem. isla Cuba II. p. 88.

— — *Pfr.* Novit. conch. p. 236. Nr. 339. t. 61.  
 f. 4 — 6.

Habitat in parte occidentali insulae Cubae.

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2317. (1731.) **incarnata Müll.** (Coll. Nr. 1146.) Fruticicola A<sup>2</sup>. 104. —  
*Bielz Faun. Siebenb.* p. 62. — *H. sylvestris Htm.*, *tecta Zgl.*,  
*Welebitana Stentz.* — *Hygromia incarnata Mörch* Moll. Dan.  
 p. 19; Journ. Conch. XIII. p. 383. — Europa media. — Jun.:  
*H. sericea Müll.* (I. 138.)
2318. (1732.) **Redtenbacheri Zel.** (Coll. Nr. 1147.) Fruticicola A<sup>2</sup>.  
 105. — Ins. Syra. (IV. 272.)
2319. (1733.) **Nicosiana Mouss.** † — Fruticicola A<sup>2</sup>. 105. — Ins.  
 Cyprus. (IV. 273.)
2320. (1734.) **vicina Rossm.** (Coll. Nr. 1148.) *Bielz Faun. Siebenb.*  
 p. 63. — *H. tecta A. Schmidt.* — *H. carpatica Friv.* (Frutici-  
 cola) A<sup>2</sup>. 104. — Mont. Carpath. (I. 139.)
2321. (1735.) **limbata Drap.** (Coll. Nr. 1149.) Fruticicola A<sup>2</sup>. 105. —  
 Gallia meridionalis. (I. 139.)

2322. **H. ptychostyla Martens.** †

«Testa umbilicata, conoidea, solidiuscula, striata, fusca;  
 anfr. 6½, convexiusculi, lente accrescentes, ultimus medio  
 carinatus, basi convexus, umbilico lato, pervio; apertura

securiformis; peristoma expansum, album, margine columellari fere perpendiculari, uniplicato, angulum rectum cum margine basali formante. — Diam. maj. 14, min. 12, alt. 9 mill.» (v. M.)

*Helix ptychostyla* Mart. in Proc. Zool. Soc. 1860. p. 8. Conf.

Pfr. in Malak. Bl. XI. 1864. Lit. p. 35.

— — (Plectotropis) Mart. Ostas. Zool. II. p. 74.  
t. 13. f. 12.

Habitat Siam.

2323. **H. styloptycta Pfr.**

T. late umbilicata, turbinato-subdepressa, solidula, conferte striatula, diaphana, griseo-cornea; spira magis minusve elevata, vertice minuto; anfr. 6 modice convexi, ultimus obsolete angulatus, antice non descendens; apertura diagonalis, lunari-subcircularis; perist. albo-labiatum, marginibus approximatis, callo crassiusculo junctis, supero et basali reflexis, columellari profunde et transverse uniplicato. — Diam. maj. 9, min. 8, alt.  $5\frac{1}{2}$  mill. (Coll. Bernardi.)

β. Depressior, anfr.  $5\frac{1}{2}$ ; diam. maj.  $9\frac{1}{4}$ , min. 8, alt. 5 mill.

*Helix ptychostyla* Pfr. in Journ. Conch. X. 1862. p. 40. t. 6.  
f. 2. Nec Mart.

— *styloptycta* Pfr. in Malak. Bl. XI. 1864. Lit. p. 17. 35.

Habitat Siam.

Obs. Affinis praecedenti, nec non *H. repandae* et *goniochilae*.

§. 111.

2324. (1736.) **trizonalis Grat.** (Coll. Nr. 1150.) Cepolis A<sup>2</sup>. 152. — Haiti. (I. 345. II. 230.)

2325. (1737) **porcellana Grat.** — Cepolis A<sup>2</sup>. 152. — Planispira Mart. Ostas. Zool. II. p. 302. 397. — Ins. Lombock prope Javam. (I. 346.)

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2326. (1738.) **Albersiana Pfr.** (Coll. Nr. 1151.) Plagioptycha A<sup>2</sup>. 145. — Haiti, Great Inagua Bahamensium (Bland). (III. 234.)

2327. **H. Platonis Pfr.**

T. angustissime umbilicata, depresso-turbinata, tenuis, subtiliter costulato-striata, vix nitidula, diaphana, corneo-isabellina; spira conoidea, vertice acutiusculo, nigricante, nitido; sutura profunda, submarginata; anfr. fere 5 convexi, ultimus lineis 2 rufulis cinctus, antice profunde descendens, subtus planior, antice subconstrictus; apertura perobliqua, lunato-ovalis; perist.

tenue, marginibus vix convergentibus, dextro expansiusculo, basali ad umbilicum per dilatato, reflexo, intus callo oblique dentiformi munito. — Diam. maj.  $12\frac{1}{2}$ , min.  $10\frac{1}{2}$ , alt. 7 mill. (Coll. Nr. 1152.)

*Helix Platonis* Pfr. in Malak. Bl. XIII. 1866. p. 81.

Habitat in monte Platon insulae Haiti (Smith).

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2328. **H. Yantaiensis Crosse et Debeaux.** †

«T. obtecte perforata, globoso-depressa, subtilissime striata, albido-flava (?); spira parum elevata, apice rotundato; anfr. 5 —  $5\frac{1}{2}$  convexiusculi, ultimus ad marginem subcompressus, non descendens; apertura trisinuato-lunaris; perist. subreflexum, album, margine basali et margine dextro intus unidentatis, columellari dilatato, perforationem fere omnino tegente. — Diam. maj. 8, min.  $6\frac{1}{2}$ , alt. 5 mill.» (Cr.)

*Helix Yantaiensis* Crosse et Deb. in Journ. Conch. XI. 1863. p. 387; XII. 1864. p. 317. t. 12. f. 2.

— — Mart. Ostas. Zool. II. p. 50.

Habitat prope Yantai Chinae septentrionalis (Debeaux).

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2329. **H. setiliris Benson.** †

«Testa perforata, convexo-depressa, non nitente, sub lente oblique confertim striatula, costulis undulatis remotiusculis setiferis munita, translucente, rufescenti-cornea; spira breviter conoidea, apice planiusculo, nitido, sutura impressa; anfractibus 6 —  $6\frac{1}{2}$  convexis, arcte convolutis, ultimo medio subangulato, subtus convexo; apertura obliqua, subquadrato-lunata, peristomate reflexiusculo, intus labiato, infra incrassato, subduplici, marginibus callo parietali plica longa marginali rimata elevata munito, junctis, columellari sinuato, introrsum obsolete tuberculato. — Diam. maj. 7, min.  $6\frac{1}{2}$ , axis 4 mill.» (B.)

*Helix setiliris* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Febr. 1859.) p. 99. (Malak. Bl. 1859. p. 28.)

Habitat in sylvis insulae Mauritii.

§. 112.

2330. (1739.) **Pouzolzi Payr.** (Coll. Nr. 1153.) Campylaea A<sup>2</sup>. 125. — *H. Savignyana* Ehr., *Varronis Cantr.*, *Dalmatina* Parr., *Ragusaana* Fér., *Gravosaënsis*, *Brenoënsis* et *Macarana* Mlf., *Montenegrina* Zgl., *trizona* Reeve. — *Arianta* (Campylaea) *Pouzolzi* Mörch in Journ. Conch. XIII. p. 388. — Dalmatia, Albania. (I. 346.)



2331. **H. peliomphala** Pfr.

T. umbilicata, depressa, tenuis, ruguloso-striata et striis spiralibus confertis sub lente sculpta, diaphana, pallide flavescenti-cornea, linea suturali et fasciis 2—3 castaneis strigisque nonnullis lutescentibus signata; spira breviter conoidea, vertice subtili; anfr. 6 convexiusculi, ultimus rotundatus, antice breviter descendens, circa umbilicum  $\frac{1}{7}$  diametri subaequantem saturate castaneus; apertura diagonalis, rotundato-lunaris, intus nitida, fasciata; perist. tenue, violaceo-carneo sublabiatum, marginibus distantibus, supero expanso, basali reflexo, ad insertionem dilatato-patente. — Diam. maj. 36—37, min. 31, alt. 18 mill. (Coll. Nr. 1154.)

β. Minor; diam. maj. 29, min. 25, alt. 16—17 mill.

*Helix japonica* Fér., *Desh.* p. 58. t. 69 H. f. 6. Non Pfr.

— *peliomphala* Pfr. Mon. Hel. III. p. 233; IV. p. 276. Conf.

*Martens* in Malak. Bl. VII. 1860. p. 35.

— — (Hadra) *Alb. Helic.* ed. *Mart.* p. 166.

— — (Camena) *Mart.* Ostas. Zool. II. p. 25. \*)  
t. 15. f. 1—3.

Habitat in Japonia (Férussac).

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2332. (1763.) **Luhuana** Sow. (Coll. Nr. 1155.) *Martens* in Malak. Bl. VII. 1860. p. 37. — *H. luhuana* (Hadra) *A<sup>2</sup>*. 166. — *H. peliomphala* var. *Luhuana* *Mart.* Ostas. Zool. II. p. 27.\*\*) t. 15. f. 4. — Loo-Choo (Sowerby), Japonia merid. (v. *Martens*). (I. 354.)

2333? **Simodae** Jay. †

*Jay* in Narr. Parry's exped. II. p. 294. t. 5. f. 4—6. — Japonia. — Conf. *Martens* in Malak. Bl. VII. 1860. p. 35; Ostas. Zool. II. p. 27.

\*) «Testa aperte umbilicata, orbiculate-convexiuscula, oblique grossiuscule striata et subtiliter spiratim lineata, lutescens, plerumque fasciis spiralibus 4—3 et regione umbilicali nigrofusca; anfr.  $5\frac{1}{2}$ , convexiusculi, spiram acutiusculam formantes, ultimus basi sat convexus, antice sat descendens; apertura valde obliqua, rotundato-lunaris, peristoma carneo-rubescens, marginibus conniventibus, supero breviter expanso, basali distinctius reflexo.

Diam. maj. 39, min. 31, alt. 20; apert. long. 21, lat. 18 mill.

— — 37, — 30, — 22; — —  $19\frac{1}{2}$ , —  $18\frac{1}{2}$  —

— — 32, — 28, —  $19\frac{1}{2}$ ; — — 17, — 16 —

— — 30, — 24, —  $18\frac{1}{2}$ ; — — 17, — 15 —

Yeddo, Yokohama, Simoda.» (v. M.)

\*\*) «Testa paulo major, umbilico paulo angustiore, minus abrupte excavato, anfractibus paulo convexioribus, brunnea, fascia unica peripherica, peristomate violascente.

Diam. maj. 38, min.  $31\frac{1}{2}$ , alt. 22; apert. long. 19, lat. 16 mill.

— — 41, — 34, —  $23\frac{1}{2}$ ; — (imperfecta).» (v. M.)

2334. **H. Herklotsi Martens.** †

«Testa umbilicata, orbiculato-convexa, ruguloso-striata et lineis spiralibus subtilissimis decussata, lutescens, castaneo-trifasciata; anfr.  $5\frac{1}{2}$ , convexiusculi, ultimus descendens; apertura obliqua, semiovalis; peristoma violascenti-carneum, marginibus subdistantibus, supero breviter expanso, basali reflexo, calloso. — Diam. maj. 33, min. 26, alt. 19 mill.» (v. M.)

*Helix Herklotsi* Mart. in Malak. Bl. VII. 1860. p. 38. Conf.  
Mart. Ostas. Zool. II. p. 27.

Habitat in Japonia.

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2335. (1740.) **crassa Pfr.** — Habitat? (III. 231.)

2336. (1741.) **Sadleriana Ziegl.** (Coll. Nr. 1156.) Campylaea A<sup>2</sup>. 124.  
— Croatia. (I. 347.)

2337. (1742.) **umbilicaris Brum.** (Coll. Nr. 1157.) Campylaea A<sup>2</sup>. 124. — *Stabile* Moll. viv. Piém. 1864. p. 55. \*) t. 1. f. 5. — *H. hispana* Linn., *Beck*, *zonata* C. Pfr., *vittata* Jan, *planospira* Rossm. — Illyria et Italia borealis. — Var.: *H. balcanica* Friv. (I. 347: *planospira*.)

2338. (1743.) **Kollari Zel.** (Coll. Nr. 1158.) Campylaea A<sup>2</sup>. 124. — Serbia. (IV. 274.)

2339. (1744.) **macrostoma Mühlf.** (Coll. Nr. 1159.) Campylaea A<sup>2</sup>. 124. — *H. planospira* Phil., *siculina* et *cryptozona* Zgl., *pervia* et *didyma* Mlf. — Sicilia. (I. 348.)

2340. (1745.) **planospira Lam.** (Coll. Nr. 1160.) Campylaea A<sup>2</sup>. 124. — *H. adelozona* Parr. — *H. foetens* Stab. Moll. viv. Piém. 1864. p. 51. \*\*) t. 1. f. 6. (*H. rhaetica* Mouss.) — *Arianta* (Cam-

\*) Var. *Padana*: «Testa aperte umbilicata, orbiculato-convexa, spira parum elata, apice obtuso, cornea, vel corneo-olivacea, subpellucida, nitidiuscula, oblique striatula et, sub lente, striis spiralibus confertis minute decussata; supra medium, in pallido-alba vitta, fusco-unifasciata; superius fascia altera fusca, diluta, cito evanescente. Anfractus  $5\frac{1}{2}$  convexiusculi, sutura mediocri distincti; ultimus antice breviter deflexus. Apertura rotundato-lunaris, obliqua; peristoma albido-labiatum, mediocriter reflexum, marginibus remotis, columellari crassiusculo, circa regionem umbilicarem late dilatato, atque ad tertiam ultra partem umbilicum subtegente. — Alt. 14—16, diam. 26—31 mill.» (St.)

\*\*) «Testa late umbilicata, orbiculato-depressa, corneo-flavescens, pellucida, nitida, glabra, vel sub lente perminutissime granulata, oblique crebro-striatula, supra medium fusco-unifasciata, fascia latiuscula, infra zonula pallido-flavicanti, pellucida cincta; interdum fascia altera inferiore fusca, valde diluta, margini vero peristomatis macula fusca conspicua. Anfractus  $5\frac{1}{2}$  convexiusculi, haud lente crescentes, ultimo antice deflexo. Apertura perobliqua, transverse rotundato-ovalis; peristoma reflexum, intus labiatulum, marginibus approximatis, convergentibus; supero expanso, sub-simplici, columellari latiusculo dilatato, paululum supra umbilicum reflexo. — Alt. 11, diam. 26 mill. (= *H. adelozona* Parr.) Specimina pedemontana et longobardica. — β. Virescens, pellucida, unicolor, fasciis nullis.» (St.)

pylaea) *planospira* Mörch in Journ. Conch. XIII. p. 388? — Italia borealis et Gallia meridionalis. (I. 449.)

2341. (1746.) **setipila Ziegl.** (Coll. Nr. 1161.) *Bourg.* in Rev. et Mag. Zool. 1857. t. 16. f. 5. 6. — *Campylaea* A<sup>2</sup>. 124. — *H. hirsuta* Zgl. — Italia. (I. 348.)

2342. **H. comephora Bourguignat.** †

«Testa umbilicata, orbiculato-depressa, tenui, subdiaphana, fulvo - cornea, superius fascia pallide fusca ornata, ac pilis erectis, rigidis, validisque elegantissime obsitis, omnino munita; anfractibus 5 planulatis, ultimo antice descendente; apertura perobliqua, lunari-rotundata; peristomate acuto, superne recto, inferne reflexo; margine columellari dilatato; marginibus approximatis. — Alt. 13, diam. 27 mill.» (B.)

*Helix setipila* Bourg. Cat. rais. moll. Or. 1853. p. 19.

— *comephora* Bourg. in Rev. et Mag. Zool. 1857. p. 546. t. 16. f. 1—4.

Habitat Morea.

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2343. (1747.) **hirta Menke.** (Coll. Nr. 1162.) *Campylaea* A<sup>2</sup>. 124. — *H. deplana* Zgl. — Illyria et Croatia. (I. 349.)

2344. (1748.) **diluta Pfr.** (Coll. Nr. 1163.) *Hupé* in Casteln. exp. Moll. p. 16. t. 3. f. 4. — Peruvia. (I. 349.)

2345. (1749.) **pyrenaica Drap.** (Coll. Nr. 1164) *Campylaea* A<sup>2</sup>. 124. — *Bourg.* in Rev. et Mag. Zool. XV. 1863. p. 50. t. 13. f. 11 cum var. *complanata* p. 51. t. 13. f. 12—14. — *Arianta* (*Campylaea*) *pyrenaica* Mörch in Journ. Conch. XIII. p. 388. — Mont. Pyrenaei. (I. 349.)

2346. (1750.) **frigida Jan.** (Coll. Nr. 1165.) *Campylaea* A<sup>2</sup>. 123. — Alpes Italiae borealis. (I. 350.)

§. 113.

2347. (1751.) **Campesina Ezq.** (Coll. Nr. 1166.) *Hel. Alonensis* var. A<sup>2</sup>. 133. — Hispania. (I. 351.)

2348. (1752.) **Hoffmanni Partsch.** (Coll. Nr. 1167.) *Campylaea* A<sup>2</sup>. 124. — *H. monozona* Zgl. — Dalmatia. (I. 352.)

2349. (1753.) **insolida Ziegl.** (Coll. Nr. 1168.) *Campylaea* A<sup>2</sup>. 124. — *H. praetextata* Parr. — Albania. (I. 352.)

2350. (1754.) **trizona Ziegl.** (Coll. Nr. 1169.) *Campylaea* A<sup>2</sup>. 124. — *Bielz* Faun. Siebenb. p. 69. — *H. tricineta* Mlf., *Rumelica* Zgl., *Rhodopea* et *Sanderiana* Friv. — *Arianta* (*Campylaea*) *trizona* Mörch in Journ. Conch. XIII. p. 388. — Banatus, Serbia, Rume-  
lia. (I. 352.)

2351. (1755.) **trigrammephora Orb.** (Coll. Nr. 1170.) *Aglaia* A<sup>2</sup>. 122. — Bolivia. (I. 353.)

2352. **H. pellis colubri Philippi.** †

«Il. testa late umbilicata, satis depressa, striatula et (prae-  
sertim subtus) tenuissime malleata (flavo-albida?), fascia rufo-

castanea cincta; spira brevi, pyramidata; anfractibus  $5\frac{1}{2}$  convexiusculis, ultimo subcylindrico, antice parum descendente; apertura rotundato-lunari; peristomate late reflexo, crasso, albo, columellari dilatato; umbilico dimidium anfractum ultimum aequante. — Diam. maj. 35, min. 28, alt. 14—15 mill.» (Ph.)

*Helix pellis colubri* Phil. in Malak. Bl. XIV. 1867. p. 66.

— — — Pfr. Novit. conch. Fasc. XXVII. p. 330.

Nr. 447. t. 79. f. 10—12.

Habitat prope Otusco Peruviae (Raimondi).

Obs. «Forma generalis uti in *H. trigrammephora*, et fascia unica eundem locum atque fascia mediana illius occupat, sed testa major, umbilicus longe amplior, anfractus ultimus minus auctus, apertura altior, et pagina inferior distincte et dense etsi minutim malleata.»

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2353. (1756.) **connivens** Pfr. (Coll. Nr. 1171.) Dorcasia A<sup>2</sup>. 107. — Liew Kiew. (III. 232.)

2354. (1757.) **Naxiana** Fér. (Coll. Nr. 1172.) Campylaea A<sup>2</sup>. 125. — Naxos, Candia. (I. 353.)

2355. (1758.) **lecta** Fér. (Coll. Nr. 1173.) Campylaea A<sup>2</sup>. 125. — Candia. (I. 353.)

2356. (1759.) **pellita** Fér. (Coll. Nr. 1174.) Campylaea A<sup>2</sup>. 124. — *H. peltita* Desh. — Graecia. (I. 354.)

2357. (1760.) **graphicotera** Bourg. † — Campylaea A<sup>2</sup>. 125. — Ins. Milos. (IV. 276.)

2358. (1761.) **noverca** Friv. (Coll. Nr. 1175.) Campylaea A<sup>2</sup>. 124. — Candia. (III. 648.)

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2359. (1762.) **Loweii** Fér. (Coll. Nr. 1176.) Leptaxis A<sup>2</sup>. 139. — Madera. (III. 233.)

(1763. *Luhuana* Sow. vid. Nr. 2332.)

(1764. *pelionphala* Pfr. vid. Nr. 2331.)

### 2360. **H. Revelierei Debeaux.** †

«Testa umbilicata, solidiuscula, nitida, orbiculato-depressa, supra vix convexiuscula, subtus convexiusculo-planata, spiraler regulariterque striata, fusco-lutescens, vel fusco-virescens, tribus zonis rufo-brunneis, inaequalibus ornata; apertura perobliqua, rotundato-ovata; peristomate simplice, ad marginem incrassato; marginibus parum distantibus, convergentibus, callo tenui junctis, columellari basi subdilatato; anfractibus 4—5, paulatim accrescentibus (ultimo maximo), sutura perspicua separatis; apice corneo, laevigato, punctulato. — Diam. maj. 28, min. 24, altit. 14 mill.» (D.)

*Helix Revelierei Debeaux* Diagnose . . .

Habitat in rupestribus editis insulae Corsicae, sub lapidibus,

praecipue in Monte Renoso, ad 2,300 m. altitudinis, ubi detecta fuit anno 1866 a cl. E. Revelière, entomologo.

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2361. (1765.) **Lefebvriana Fér.** (Coll. Nr. 1177.) Campylaea A<sup>2</sup>. 124. — *H. Feburiana* Rossm., *deplana* Mlf., *hirsuta* Brum. — Illyria. (I. 354.)
2362. (1766.) **foetens Stud.** (Coll. Nr. 1178.) Campylaea A<sup>2</sup>. 124. — *H. cornea* Voith, *euzona* Mke., *marginata* Mlf., *achates* Zgl., *achatina* PM., *ichthyomma* Held, *cingulina* Desh. — *Arianta* (Campylaea) *foetens* Mörch in Journ. Conch. XIII. p. 388. — Helvetia, Austria. (I. 355.)
2363. (1767.) **Mormonum Pfr.** — Conf. W. G. Binn. Terr. Moll. IV. p. 15. t. 79. f. 24. — California. (IV. 276.)
2364. (1768.) **Dupetithouarsi Desh.** (Coll. Nr. 1179.) Conf. Gould in Binn. Terr. Moll. III. p. 14 et W. G. Binn. ibid. IV. p. 15. t. 76. f. 9. (ex Desh.) — *Arianta* A<sup>2</sup>. 127. — California. (I. 338. III. 229.)

2365. **H. Hillebrandi Newcomb.** †

«H. testa supra planulata, luteo-cornea, sub-carinata, fasciis albis bi-cingulata, sub lente granulata, hirsuta; anfractibus 6 undique minute striatis, striis oblique transversis; anfr. ultimo descendente; umbilico late-aperto; apertura lunari-ovale; peristomate tenui, albo, reflexo, prope umbilicum expanso. — Lat. maj. 0,9, min. 0,8, alt. 0,35 poll.» (N.)

*Helix Hillebrandi Newc.* in Proc. Calif. Ac. III. 1864. p. 115.  
Habitat «Tuolumne County» Californiae.

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2366. (1768 a.) **ramentosa Gould.** † (Otia conch. p. 219.) Pfr. Mon. IV. p. 349. — California.  
(1768 b. *arrosa* Gould vid. Nr. 2300 in §. 110.)
2367. (1769.) **claromphalos Dev.** et **H.** † — *Hupé* in Casteln. exp. Moll. p. 15. t. 3. f. 2. — Peruvia. (III. 234.)
2368. (1770.) **Trenqueleonis Grat.** (Coll. Nr. 1180.) Eurycampta A<sup>2</sup>. 127. — Respubl. Argentina. (III. 234.)
2369. (1771.) **cingulata Stud.** (Coll. Nr. 1181.) Campylaea A<sup>2</sup>. 123. — *H. subflava* Fér., *Luganensis* Schintz, *Stabile* Prosp. moll. Lugan. p. 27. 54; *Baldensis* Villa, *colubrina* Jan, *striatula* O. Fabr., *Anauniensis* Betta. — *Arianta* (Campylaea) *cingulata* Mörch in Journ. Conch. XIII. p. 388. — Tirolia, Illyria, Italia superior. (I. 356.)
2370. (1772.) **Schmidtii Ziegl.** (Coll. Nr. 1182.) Campylaea A<sup>2</sup>. 123. — Carniolia. (I. 357.)
2371. (1773.) **alpina Faure-Big.** (Coll. Nr. 1183.) Campylaea A<sup>2</sup>. 123. — *H. Fontenillii* Reeve. — Var.: *H. phalerata* Zgl. — γ. Major, cingulata: *H. thessalonica* «Mouss.» (Campylaea) A<sup>2</sup>. 123. — Gallia, Illyria. (I. 357.)
2372. (1774.) **Fontenillii Mich.** (Coll. Nr. 1184.) *H. alpina* Reeve. — *H. alpina* var. A<sup>2</sup>. 123. — Gallia. (I. 350.)
2373. (1775.) **Presli Schmidt.** (Coll. Nr. 1185.) Campylaea A<sup>2</sup>. 123. — *H. insubrica* Desh. — Carniolia, Italia, Turcia. (I. 358.)

2374. (1776.) **tigrina Jan.** (Coll. Nr. 1186.) Campylaea A<sup>2</sup>. 123. — Lombardia. (I. 358.)  
 2375. (1777.) **zonata Stud.** (Coll. Nr. 1187.) Campylaea A<sup>2</sup>. 124. — *Stabile* Moll. Piém. 1864. p. 50. — *H. foetens* Desh., *planospira Mich.*? — Helvetia, Italia borealis. (I. 359.)

2376. **H. subzonata Mousson. †**

«T. umbilicata, orbiculato-convexa, obscure-cornea, fascia pallidiori dorsali sub altera obscura ornata, striata, granulis minutissimis, obsolete piliferis, late inserta. Spira convexiuscula; sutura impressa. Anfractus 5, regulares, convexiusculi; ultimus pilis defectis, antice paulo descendens. Apertura lunato-rotundata, transverse vix latior, intus grisea, fascia perspicua. Perist. albidum breviter reflexum, subincrassatum; marginibus subapproximatis, basali arcuato. — Diam. maj. 23, min. 19, alt. 14 mill.» (M.)

*Helix subzonata* Mouss. Coq. Schläfli I. 1859. p. 19. 33.  
 Habitat in Cephalonia et in Epiro.

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2377. (1778.) **faustina Ziegl.** (Coll. Nr. 1188.) Campylaea A<sup>2</sup>. 124. — *Bielz* Faun. Siebenb. p. 67. — *H. sativa* Zgl., *Selemine* Mlf., *Volhyniensis* Andr., *sudetica* Charp., *Charpentieri* Scholtz. — Galicia, Volhynia, Silesia. (I. 359.)  
 2378. (1779.) **associata Ziegl.** (Coll. Nr. 1189.) *H. javnaensis* Mlf., *citrinula* Zgl. — *H. faustina* var. A<sup>2</sup>. 124. — Transylvania et Bucovina. (IV. 278.)  
 2379. (1780.) **Rossmässleri Pfr.** (Coll. Nr. 1190.) Campylaea A<sup>2</sup>. 124. — *H. advena* Rossm. — Mont. Carpath. (I. 360.)  
 2380. (1781.) **cornea Drap.** (Coll. Nr. 1191.) Campylaea A<sup>2</sup>. 124. — *H. squamatina* Fér. — *Arianta* (Campylaea) *cornea* Mörch in Journ. Conch. XIII. p. 388. — Gallia meridion., Italia borealis. (I. 360.)  
 2381. (1782.) **Narzanensis Kryn. †** — Campylaea A<sup>2</sup>. 123. — *Kalenicz.* in Bull. soc. Mosc. XXVI. 2. p. 75. (Descriptio emendata. \*) Synon. *H. hortensis* Ménétr. Cat. r. 270. 1294.) — Mouss. Coq. Schläfli II. p. 41. (Synon. *H. ossetinensis* Bayer.) — Caucasus, Georgia. (I. 361.)  
 2382. (1783.) **pratensis Pfr.** (Coll. Nr. 1192.) Mouss. Coq. Schläfli II. p. 41. — Var.: *H. Bayerii* Parr. — Campylaea A<sup>2</sup>. 123. — Russia asiat. (I. 361.)

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\*) «Testa aut tota alba sine ullis fasciis, aut ad limitem fasciae albae subtus radiatim infuscata; saepe etiam inferne loco infuscationis tantummodo fascia pulla cum alba conjuncta restat. Distinguitur ab *H. faustina* superficie longitudinaliter striata, apertura magis regulari, lunata, peristomate in adultis intus incrassato et umbilico minus aperto.» (Kal. l. c.)



2383. **H. delabris** Mousson. †

« T. perforata, globoso-depressa, tenuiscula, calcarea, irregulariter striatula, sub lente minutissime granulata, alba, fusco bifasciata. Spira regularis, vix convexa; summo corneo, obtusiusculo; sutura vix impressa. Anfr.  $5\frac{1}{2}$ , convexiusculi, regulariter accrescentes; ultimus paulo descendens, subtus plano-convexus. Apertura paulo obliqua, transverse late lunato-rotundata, alba, zonis translucens. Perist. acutum, expansum, intus non labiatum; marginibus conniventibus, separatis, columellari ad umbilicum reflexiusculo. — Diam. maj. 15, min. 13, alt. 9 mill. » (M.)

*Helix delabris* Mouss. Coq. Schläfli II. 1863. p. 43.

Habitat Chysirkaleh Transcaucasiae.

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2384. (1784.) **Joannis Mort.** — *H. Dumont* Mort. antea. — Armenia. (IV. 278.)

2385. **H. Middendorffi** Gerstfeldt. †

« Testa aperte, fere perspective umbilicata, orbiculato-convexa, plus minusve depressa, tenuis, transparens, confertim et distincte striata, nitidula, lutescens vel lutescente-lactea, rufo-unifasciata; anfr.  $6\frac{1}{2}$  — 7, convexiusculi; sutura mediocris; apertura obliqua, rotundato-lunaris; perist. simplex, reflexiusculum, intus sublabiatum. — Diam. maj. 24, min. 22, alt. 11 — 15 mill. » (G.)

*Helix Middendorffi* Gerstf. in Mém. sav. étr. prés. Ac. Pet. IX. 1859. p. 521. f. 29. (Journ. Conch. VIII. p. 404.)

Habitat ad fluvium Amur medium.

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2386. (1785.) **Eichwaldi** Pfr. (Coll. Nr. 1193.) *Campylaea* A<sup>2</sup>. 123. — Mouss. Coq. Schläfli II. p. 44. — Caucasus. (I. 361.)

2387. (1786.) **cingulella** Ziegl. (Coll. Nr. 1194.) *Campylaea* A<sup>2</sup>. 124. — *H. fortunata* Parr. — Volhynia. (I. 361.)

2388. (1787.) **intermedia** Fér. (Coll. Nr. 1195.) *Campylaea* A<sup>2</sup>. 123. — *H. catenulata* Mlf., *cornea* Brum.?, *tetrazona* Jan. — Illyria, Croatia, Lombardia. (I. 362.)

2389. **H. Carseolana** Férussac.

« Testa aperte perforata, globoso-depressa, irregulariter striata, alba, fasciis 2 — 3 evanescentibus, pallide castaneis; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus descendens; apertura per-obliqua, anguste ovalis; peristoma patulum, sublabiatum, album, marginibus approximatis, basali strictiusculo, subcalloso, solum

prope insertionem fasciola fusca notato. — Diam. maj.  $18\frac{1}{2}$ , min. 15, alt.  $8\frac{1}{2}$  mill.» (v. M. — Coll. Nr. 1196.)

*Helix Carseolana* Fér. Hist. t. 41. f. 1. (Pfr. Mon. Helic. ex parte.)

— — (melius *Carsulana*) Martens in Malak. Bl. V. 1858. p. 129.

— — (Iberus) Alb. Helic. ed. Mart. p. 135.

Habitat in Apenninis romanis.

### 2390. *H. planorbella* Lamarck.

T. umbilicata, orbiculato-convexa, solida, oblique granulato-striata, luteo-vel griseo-fulva, castaneo maculose 4-fasciata; spira convexa, vertice fusco, nudo; anfr.  $4\frac{1}{2}$ —5 convexiusculi, ultimus depresso-rotundatus, basi pallidior, circa umbilicum apertum turgidulus, antice deflexus; apertura perobliqua, lunato-ovalis; perist. albolabiatum, marginibus convergentibus, supero expansiusculo, basali dilatato, appresso, juxta umbilicum patente, reflexo. — Diam. maj. 18—22, min.  $15\frac{1}{2}$ — $18\frac{1}{2}$ , alt. 8—11 mill. (Coll. Nr. 1197.)

*Helix planorbella* Lam., Pfr. Mon. Helic. I. p. 376. (Fér. t. 67. f. 8!)

— — Pfr. Novit. conch. p. 297. Nr. 408. t. 72. f. 8—12.

— *Paivana* Morel. in Journ. Conch. XII. p. 156? (Gomera.)  
Nec Lowe.

Habitat in insula Teneriffa. (De Paiva, qui benevole communicavit nomine *H. Paivanae* Mor.?)

Obs. Figura in Encycl. méth. a Lamarckio citata rudis! Descriptio Moreletiana optime nostris speciminibus congrua, praeter verba: «anfractus ultimus superne carinatus», cum carina juniorum in anfractu ultimo mox penitus evanescat.

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2391. (1788.) **strigata** Müll. (Coll. Nr. 1198.) Iberus A<sup>2</sup>. 135. — *H. Umbrica* Charp., *glabrata* et *corrugata* Zgl. — Italia, Sicilia. (I. 362.)

### 2392. *H. Theresae* Benoit. †

«Testa anguste umbilicata, depressa, oblique rugosa, albidula, fasciis 4 interruptis flavofuscis; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus descendens; apertura perobliqua, ovato-rotundata; peristoma patulo-reflexum, sublabiatum, marginibus mediocriter approximatis, columellari arcuato, macula umbilicali nulla. — Diam. maj. 18, min. 14, alt. 8 mill.» (v. M.)

*Helix Theresae (Iberus) Benoit, Mart. in Alb. Helic. ed. II.*  
1864. p. 136.

Habitat in Sicilia.

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2393. (1789.) **Ziegleri Schmidt.** (Coll. Nr. 1199.) Campylaea A<sup>2</sup>. 123.  
— Carniolia. (I. 363.)
2394. (1790.) **Armeniaca Pfr.** (Coll. Nr. 1200.) Campylaea A<sup>2</sup>. 123.  
— Mouss. Coq. Schläfli II. p. 44. — Armenia, Caucasus. (I. 363.)
2395. (1791.) **glacialis Thom.** (Coll. Nr. 1201.) Campylaea A<sup>2</sup>. 123.  
— Italia borealis. (I. 364.)
2396. (1792.) **aemula Rossm.** (Coll. Nr. 1202.) Campylaea A<sup>2</sup>. 123. —  
*H. Martinatiana De Betta, Ambrosi Strob., cingulina Bas.* —  
Tirolia, Italia borealis. (III. 235.)
2397. (1793.) **solitudinis Bourg.** † — Syria. (IV. 280.)
2398. (1794.) **propinqua Pfr.** — Bombay. — An = *H. similis Fér.?*  
*Mart. Ostas. Zool. II. p. 271. (IV. 280.)*
2399. (1794a.) **transversalis Mouss.** † — *Pfr. Mon. Hel. IV. p. 350.*  
— *Fruticicola Mart. Ostas. Zool. II. p. 273. \*)* — Ins. Bali.
2400. (1795.) **asperella Pfr.** (Coll. Nr. 1203.) Trachia A<sup>2</sup>. 160. — *H.*  
*granifera Bens.* — India orientalis. (I. 364.)

2401. **H. contracta Hutton.** †

«H. testa late umbilicata, depressa, discoidea, oblique striatula, laevigata, nitidula, albida, fascia rufescente supra angulum superiorem cincta; spira planata, apice vix elevatiore, sutura impressa; anfractibus 4, sensim accrescentibus, convexiusculis, ultimo supra peripheriam compressiusculo subangulato, antice latiore oblique descendente, subtus convexo, umbilicum mediocrem, medio anguste excavatum, suturaque brevi profunda munitum circumstante; apertura valde obliqua, lata, ovato-lunari; peristomate non continuo, superne expansiusculo, subhorizontali, infra reflexiusculo, marginibus conniventibus approximatis. — Diam. maj. 13, min. 10, alt. 4 mill.» (B.)

*Helix contracta Hutt. mss., Bens. in Ann. and Mag. n. h. 3d.*  
ser. XIII. (Febr. 1864.) p. 137.

Habitat Malva Indiae.

Obs. «Intermedia quasi inter *H. Nilagiricam* et *asperellam*.» }

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\*) «Testa globoso-depressa, subanguste umbilicata, striatula, fulvo-cornea, concolor vel unifasciata; anfr. 4½, planulati, celeriter crescentes, ultimus infra magis convexus, circa umbilicum subangulatus, antice valde deflexus; apertura valde obliqua, elliptico-rotundata; peristoma modice incrassatum, late reflexum, album, marginibus inter se approximatis, columellari substricto. — Diam. maj. 12½—19, min. 10—14, alt. 9—11; apert. long. 7½—11, lat. 7—9½ mill. — Proxime affinis *H. argillaceae*, umbilico latiore et apertura transverse elongata discrepans. — Ins. Madura.» (v. M.)

2402. **H. Helferi Benson.** †

«Testa profunde et anguste perspective umbilicata, orbiculata, subdepressa, oblique striatula, foveolis conspersa, sub epidermide rufescente, sparsim hispida, albida, fascia rufa angusta superne ornata; spira depresse conoidea, apice valde obtuso, sutura impressa, submarginata; anfractibus  $4\frac{1}{2}$  convexiusculis, angustis, lente accrescentibus, ultimo antice descendente, supra peripheriam obsolete angulato, circa umbilicum subito excavatum compressiusculo; apertura obliqua, transverse ovato-lunata; peristomate undique expanso, marginibus approximatis, callo tenui junctis. — Diam. maj. 12, min. 10, axis 6 mill.» (B.)

*Helix Helferi Bens.* in Ann. and Mag. n. h. 3d. ser. VI. (Sept. 1860.) p. 191.

Habitat in insulis Andamanicis sinus Bengalensis.

Obs. «Affinis *H. asperellae* et *fallaciosae*.»

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2403. (1796.) **Tuckeri Pfr.** (Coll. Nr. 1204.) Trachia A<sup>2</sup>. 160. — *H. strangulata* Jacq. — Hardy's Island. (I. 364.)

2404. (795.) **occidentalis Recl.** (Coll. Nr. 1205.) Fruticicola A<sup>2</sup>. 103. — Mouss. Coq. Schläfli II. p. 39. — *H. Ponentina Mor.*, *Lisbonensis Pfr.* — Lusitania. (Peristoma adultorum expansum. Verosimiliter eadem species ac sequens.) (I. 131.)

2405. (1797.) **martigena Fér.** † — Conf. praeced. (I. 365.)

2406. (1798.) **pulchella Müll.** (Coll. Nr. 1206.) Vallonia A<sup>2</sup>. 101. — Binn. Terr. Moll. IV. p. 69. — Bielz Faun. Siebenb. p. 51 (cum *costata*). — *H. paludosa* Walk., *nitidula* Stud., *minuta* Say, *crystallina* Dillw. — *Vallonia pulchella* Mörch Moll. Dan. p. 17; Journ. Conch. XIII. p. 382. — Europa, Caucasus, Madera, Amerbor. (I. 365.)

2407. (1799.) **costata Müll.** (Coll. Nr. 1207.) *H. crenella* Mont. — *H. costata* var. A<sup>2</sup>. 101. — *Vallonia costata* Mörch Moll. Dan. p. 17; Journ. Conch. XIII. p. 382. — Europa media. (I. 366.)

2408. **H. Alexandrae Cox.** †

«Hel. testa late et profunde umbilicata, albida, vitrea; anfractibus quatuor, tenuiter et irregulariter costato-striatis, convexis, ultimo rotundato, antice subdeflexo; spira obtusa, sutura impressa, apertura obliqua, circulari, peristomate expanso reflexoque, fere continuo, intus opaco, albo. — Diam. maj. 0,09, min. 0,07, alt. 0,05 unc.» (C.)

*Helix Alexandrae Cox* Catal. Austr. landsh. 1864. p. 35.

Habitat circa Sydney (Macgillivray).

## §. 114.

2409. (1800.) **spiri plana Oliv.** (Coll. Nr. 1208.) *Mouss.* Coq. voy. Roth p. 34. — *Iberus* A<sup>2</sup>. 135. — *Bourg.* in Rev. et Mag. Zool. XVI. 1864. p. 170. \*) 179. t. 16. f. 9—11. t. 17. f. 1—8. — *Iberus spiri plana* Mörch in Journ. Conch. XIII. p. 389. — *Palæstina*. (I. 366.)

2410. **H. Malziana Parreyss.**

T. subobtectæ umbilicata, subdepressa, solidula, oblique arcuatim subruditer striata, opaca, albida, fasciis interruptis fuscis notata; spira subconoidea, vertice obtusulo; anfr. 4—4½, mediani exserte carinati, ultimus depressus, *subangulatus* (angulo antrorsum sensim evanescente), antice deflexus, basi non inflatus; apertura perobliqua, subovalis, intus sordide carnea; perist. album, marginibus callo crassiusculo junctis, dextro expanso, columellari late reflexo, umbilicum fere obtegente. — Diam. maj. 28, min. 24, alt. 13½ mill. (Coll. Nr. 1209.)

*Helix Malziana* Parr. mss.; *Pfr.* in Malak. Bl. VII. 1860. p. 230.

Habitat in insula Rhodo teste Parreyss.

2410a. **H. Escheriana Mousson. †**

«Differt ab affini *H. guttata* Oliv. apertura ovali-rotundata, peristomate soluto, continuo, undique expanso et reflexo et praecipue umbilico lato nunquam oblecto.» (B.) — Diam. maj. 31, min. 23, alt. 15 mill. (ex ic.)

*Helix Escheriana* Mouss. mss.; *Bourg.* in Rev. et Mag. Zool. XVI. 1864. p. 177. t. 14. f. 8—11.

Habitat in Mesopotamia.

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\*) «Testa umbilicata, depressa, solidula, cretacea, leviter translucida, oblique sulcato-plicata praesertim supra, albidulo-subviolacea, subtus pallide cinereo-albida, ac 5 zonulis fulvis vel fuscis (3 supra, 2 subtus) fulguratim albido-subflammulatis, circumornata; spira convexa, obtusissima; apice fusco, sub lente argutissime asperso; anfractibus 5 (supremis acute carinatis, planulatis; ultimo rotundato, convexo), celeriter crescentibus, sutura (in prioribus lineari ac carinam sequente, in ultimo impressa) separatis; ultimo maximo, subcompresso, rotundato, antice perdeflexo; apertura perobliqua, transverse ovali; peristomate albo-labiato; marginibus: supero expanso, basali reflexo, columellari dilatato, umbilicum semitegente; marginibus valde approximatis, subcontinuis, callo crasso junctis. — Alt. 15, diam. 30 mill. (Typus.) Varr. β. *maxima* (*H. Hierosolyma* Boiss.), umbilico bene aperto; alt. 21—24, diam. 42—45 mill. (Hierosolym.) — γ. *carinata* (Mar-Saba.) — δ. *globulosa* (Hierosol.) — ε. *lithophaga* (*H. lithophaga* Conr.) (Mar-Saba prope Mare Mortuum), etc.» (B.)

2411. **H. Masadae Tristram.** †

«T. umbilicata, depressa, solida, albida, transversim regulariter et profunde striata, et superne et infra; zonis evanescentibus fuscis albo interruptis aliquando ornata; anfr. 5 superiores carinati, plani, sutura protracta, ultimus antice valde deflexus; apertura obliqua, rotundata; perist. reflexo, expanso, saepe umbilicum caelante. — Diam. maj. 30, min. 25, alt. 14 mill.» (T.)

*Helix Masadae Tristr.* in Proc. Zool. Soc. 1865. p. 535.

Habitat Sebbeh (antea Masada) Palaestinae.

Obs. Similis var. minori *H. spiriplanae*.

2411a. **H. Bellardii Mousson.** †

«T. obtecte umbilicata, globoso-depressa, solidiuscula, laeviuscula, vix striatula, fusculo-grisea vel albescens, zonis 5 fuscis fulguratim albo interruptis ornata; anfr.  $4\frac{1}{2}$ , usque ad summum obtusum convexi, sutura subimpressa, ultimus antice valde deflexus, subteres; apertura obliqua, rotundata; perist. late expansum, plane labiatum, album; marginibus conniventibus, callo crasso junctis, columellari umbilicum modicum semitegente. — Diam. maj. 33, min. 24, alt. 20 mill. Apert. diam. maj. 19, min. 17 mill.» (M.)

*Helix Bellardii Mouss.* Coq. terr. Bellardi p. 33. t. 1. f. 5. 6.

— — *Bourg.* in Rev. et Mag. Zool. XVI. 1864. p. 177. t. 14. f. 1—7.

— *guttata* β. et γ. *Pfr.* Mon. Helic. IV. p. 227.

β. T. subdepressa; anfractus superne juxta suturam planiusculi; umbilicus major, partim modo intectus:

*Helix Bellardii var. occlusa Mouss.* l. c. p. 36.

Habitat in insula Cypro.

Obs. Conf. *H. guttata Oliv.* Nr. 1922.

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2412. (1801.) **denudata Rossm.** (Coll. Nr. 1210.) Dalmatia. — *H. in-solida var.* A<sup>2</sup>. 124. (I. 367.)

2413. (1802.) **setosa Ziegl.** (Coll. Nr. 1211.) Campylaea A<sup>2</sup>. 124. — *Brusina* Contr. Faun. Dalm. 1866. p. 54. \*) (restrict.) — *H. setosula Brig.* — *Arianta* (Campylaea) *setosa Mörch* in Journ. Conch.

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\*) «H. testa aperte umbilicata, orbiculato-depressa, striata, tenera; villosa, villis densis, brevibus, erectis, irregulariter dispositis; lutescenti-cornea, trifasciata; apertura perobliqua, rotundata, peristomate continuo, soluto, lato, reflexo, vix sublabiato, in margine columellari subdentato.» (Brus. l. c.)



XIII. p. 388. — Istria, Croatia, Dalmatia, Albania. — Var. omnino depilata: Mons Kuk Zermaniae, Cernopac Croatiae (Zelebor). (I. 367.)

2414. (1802β.) **H. setigera Ziegler.**

«H. testa umbilicata, subturbinato - depressa, laevissime striata, tenera; villosa, villis densis longiusculis, erectis, irregulariter dispositis; lutescens, pallide subtrifasciata, fascia media obscuriore; apertura perobliqua, rotundato-ovata, peristomate continuo, non soluto, latiusculo, reflexo, vix sublabiato, in margine columellari subdentato.» (Brus.) — Diam. maj. 23, min. 19, alt. 14 mill. (Coll. Nr. 1212.)

*Helix setigera Ziegl.* in sched.

— — *Brusina* Contr. Faun. Moll. Dalm. p. 54.

— *setosa* var. *Rossm.* IV. p. 3. f. 224; X. p. 13. f. 605. 606.

— — — β. et γ. *Pfr.* Mon. Helic. I. p. 367.

Habitat Gravosa, Meleda Dalmatiae (Brus.), prope Fiume!

Obs. Umbilicus multo angustior quam *H. setosae*.

2415. **H. crinita Sandri. †**

«H. testa umbilicata, depressa, valde irregulariter rugosa, solidiuscula; villosa, villis raris, longis, recurvis, regulariter dispositis; fusco-cornea, pallide trifasciata; apertura perobliqua, rotundata, peristomate continuo, soluto, lato, reflexo, vix sublabiato, in margine columellari subdentato. — Alt. 12, diam. 28 mill.» (Brus.)

*Helix crinita Sandri* in *Strob. Giorn. Malac. An.* II. p. 108.

— — (Campylaea) *Brusina* Contr. Faun. Moll. Dalm. 1866. p. 53. t. 3. f. 1. (Verh. zool. bot. Ver. Wien XVI.)

— *setosa* var. *crinita Bellotti* in *Strob. Giorn. Malac. An.* II. p. 121.

Habitat in Dalmatia in confinibus Herzegowinae.

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2416. (1803.) **Portosanctana Sow.** (Coll. Nr. 1213.) *Leptaxis* A<sup>2</sup>. 139.  
— Portosancto. (I. 367.)

2417. (1804.) **cyclolabris Desh.** (Coll. Nr. 1214.) *Campylaea* A<sup>2</sup>. 125.  
— *H. Arcadica* Parr. — Var.? *H. Hymetti* Mouss. — Graecia, Naxos. (I. 368. IV. 281.)

2418. **H. sphacriostoma Bourguignat.**

«Testa pervio - umbilicata, compresso - depressa, striatula, diaphana, albo-lutescente, obscure fusco bi- vel trifasciata; anfractibus 5½ paululum convexiusculis; ultimo antice subito

deflexo; apertura circulari - rotundata; peristomate continuo, valde soluto, undique late expanso. — Alt. 10, diam. 20 — 22 mill.» (B. — Coll. Nr. 1215.)

*Helix sphaeriosoma* Bourg. in Rev. et Mag. Zool. 1857. p. 8. t. 8. f. 1—3.

— *lysistoma* Shuttl. mss. (Bourg.)

Habitat circa sinum Volensem Thessaliae (E. Vesco).

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2419. (1805.) **Heldreichi Shuttl.** (Coll. Nr. 1216.) *H. cyclolabris* var. A<sup>2</sup>. 125. — Graecia. (III. 236.)

2420. **H. Grelloisi Bourguignat.** †

«T. pervio-umbilicata, depressa, fragili, diaphana, elegantissime radiatulo-striatula, pallide albido-cornea; anfractibus 6; ultimo majore, obscure obsoleto-carinato, ad aperturam maxime descendente; apertura perobliqua, fere rotundata; peristomate albo, intus incrassato, paululum reflexo, praecipue ad marginem columellarem; marginibus valde approximatis. — Alt. 9, diam. 16 mill.» (B.)

*Helix Grelloisi* Bourg. in Rev. et Mag. Zool. 1857. p. 9. t. 8. f. 10—12.

Habitat in insulis Archipelagi graeci.

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2421. (1806.) **Desmoulinsi Farin.** (Coll. Nr. 1217.) *Campylaea* A<sup>2</sup>. 124. — Bourg. in Rev. et Mag. Zool. XV. 1863. p. 51. \*) t. 13. f. 1—10. — *H. Moulinsii* PM. — *H. cornea* var. γ. Pfr. Mon. I. p. 360. — Pyrenaeae. (IV. 282.)

2422. (1807.) **ruginosa Fér.** (Coll. Nr. 1218. Var. *H. crassicostata* Bens.) Trachia A<sup>2</sup>. 160. — Bengalia. (I. 368.)

2423. (1808.) **fallaciosa Fér.** (Coll. Nr. 1219.) Trachia A<sup>2</sup>. 160. — India orient., Ceylon. (I. 368.)

2424. (1809.) **Nilagirica Pfr.** — Trachia A<sup>2</sup>. 160. — Nilgherries. (I. 369.)

\*) «Testa mediocriter pervio-umbilicata, fere complanata, subpellucida, supra plus minusve arcuato-striata, subtus nitidiore ac argute striatula, corneo-virescente, ad aperturam zonula rubella unica vel saepe tribus evanescentibus ornata; spira parum convexa; apice laevigato, parvulo, obtuso: anfractibus 6 planulatis vel convexiusculis regulariter crescentibus, sutura vix impressa separatis; ultimo subcarinato, subtus convexo, antice maxime perdeflexo-descendente ac ad marginem externum coarctato; apertura perobliqua, oblongo-rotundata; peristomate albido, reflexo, acuto, continuo; marginibus conniventibus lamina sublibera junctis; margine supero intus labiato; margine columellari leviter arcuato, angulatim valde reflexo. — Alt. 7, diam. 15 mill. — San-Julia de Loria.» (B.)

2425. (1810.) **livescens Jan.** † — Italia meridionalis. (?) (I. 369.)  
 2426. (1811.) **coerulans Mühlf.** (Coll. Nr. 1220.) Campylaea A<sup>2</sup>. 123.  
 — *H. lacticina* Zgl. — Croatia. (I. 370.)

## §. 115.

2427. (1812.) **lapicida Linn.** (Coll. Nr. 1221.) Campylaea A<sup>2</sup>. 125. —  
*H. affinis* Gm., *acuta* Costa, *rhenana* Htm., *terebra* Turt., *cochlea* Brown, *explanata* Schrank, *Lecoquii* Puton. — *Arianta*  
 (Chilotrema) *lapicida* Mörch Moll. Dan. p. 23; Journ. Conch.  
 XIII. p. 388. — Europa media. (I. 370.)

2428. **H. Eutropis Shuttleworth.**

T. umbilicata, lenticularis, solida, plicis validis obliquis utrinque sculpta, griseo-virens; spira breviter conoidea; sutura late carinato-marginata, crenata; anfr.  $5\frac{1}{2}$ , superi vix convexiusculi, ultimus peripheria acute filocarinatus, superne convexior, basi inflatus; umbilicus mediocris, vix pervius; apertura perobliqua, rotundato-lunaris, ad carinam subangulata; perist. vix callosum, marginibus approximatis, dextro expansiusculo, basali reflexo. — Diam. maj. 14, min. 12, alt. 7 mill. (Mus. Cuming.)

*Helix Eutropis Shutt.* in sched.; *Pfr.* in Malak. Bl. VII. 1860.  
 p. 237.

— — (Leptaxis) *Alb.* Helic. ed. *Mart.* p. 139.

Habitat Fuerteventura (Albers).

2429. **H. Bryanti Pfr.**

T. umbilicata, depressa, lenticularis, carinata, tenuiuscula, oblique confertim costulata, pallide cornea; spira conoideo-convexa, vertice minuto; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus utrinque convexior, ad carinam subacutam linea interrupta castanea ornatus, antice breviter deflexus; apertura diagonalis, rotundato-lunaris; perist. tenue, intus labiatum, marginibus convergentibus, supero expansiusculo, basali reflexo, supra umbilicum augustum, vix pervium dilatato, patente. — Diam. maj.  $14\frac{2}{3}$ , min. 13, alt.  $7\frac{1}{2}$  mill. (Coll. Nr. 1222.)

*Helix Bryanti Pfr.* in Malak. Bl. IX. 1862. p. 204 (err. *Bryani*);  
 Novit. conch. p. 215. Nr. 317. t. 57.  
 f. 4—6.

Habitat « Water Key, Ragged island » Bahamensium (Dr. Bryant).

2430. **H. quadricincta Morelet.**

« T. umbilicata, depressa, lenticularis, acute carinata, costulato-vel plicato-striata, lutescenti-cornea, fasciis 4 castaneis

cingulata, una peripheriali, altera infra caeterisque supra carinam; anfr. 5 parum convexi, ultimus antice deflexus, basi turgidulus; apertura perobliqua, transverse ovalis; peristoma incrassatum, albidum, margine externo expanso, columellari appresse dilatato, subdentato, umbilicum parvum, pervium semitegente. — Diam. maj. 19, min. 16, alt. 8 mill.» (M. — Coll. Nr. 1223.)

*Helix quadricincta* Morel. in Journ. Conch. XII. 1864. p. 156.

— — Pfr. Novit. conch. Fasc. XXIV. p. 299.

Nr. 409. t. 72. f. 13—16.

Habitat in insula Gomera (Morelet), Teneriffa (De Paiva).

Obs. Evidenter proxime affinis *H. planorbellae* Lam. (*Paivanae* Mor.) non carinatae.

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2431. (1813.) **Drepanensis** Huet. (Coll. Nr. 1224.) Iberus A<sup>2</sup>. 135. — Sicilia. (IV. 283.)

### §. 116.

2432. (1814.) **barbula** Charp. (Coll. Nr. 1225.) Gonostoma A<sup>2</sup>. 92. — Lusitania. (I. 210.)

2433. (1815.) **Gougeti** Terv. † — Algeria. (IV. 283.)

2434. (1816.) **turriplana** Mor. (Coll. Nr. 1226.) Gonostoma A<sup>2</sup>. 93. — Lusitania. (I. 210.)

2435. (1817.) **H. constricta** Boubée.

T. umbilicata, depressa, tenuiuscula, confertim arcuato-costulata, haud nitens, fuscula; spira parum elevata, vertice obtuso; anfr. 5½ convexiusculi, lente accrescentes, ultimus superne obsolete angulatus, subtus inflatus, antice non descendens, subtus pone aperturam constrictus; umbilicus angustus, profundus; apertura subverticalis, anguste lunaris; perist. albidum, marginibus lamina compressa, erecta subjunctis, supero brevissimo, sinuato, expanso, basali anguste reflexo, juxta umbilicum cum lamella parietali callo non erecto flexuose juncto. — Diam. maj. 6¾, min. 5⅔, alt. 3 mill. (Coll. Nr. 1227.)

*Helix constricta* Boub., Pfr. Mon. Helic. IV. p. 284.

— — Moq. — Tand. in Rev. et Mag. Zool. 1856. p. 562. 592.

— — Mabilie in Journ. Conch. VII. p. 161.

— — (Gonostoma) Alb. Hel. ed. Mart. p. 93.

— — Crosse in Journ. Conch. XIII. p. 374.

— *Pittorrii* Dupuy antea.

Habitat in terra Bascorum et in Hispaniae provincia «San Sebastian», ubi legit et benevole communicavit Cl. Patr. Paz.

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2436. (1818.) **Rangiana Fér.** (Coll. Nr. 1228.) *Gonostoma* A<sup>2</sup>. 93. — *Pyrenaeae*. (I. 210.)

## §. 117.

2437. **H. Amori Hidalgo.** †

«T. maxima, anguste et profunde umbilicata, solidiuscula, orbiculato-depressa, irregulariter striata, castanea, prope umbilicum albida, supra fasciis 2 latiusculis (altera suturali, altera peripherica supra carinam) strigis albidis castaneisque articulatis, infra lineis multis concentricis inaequalibus maculis sagittiformibus albidis castaneisque alternatis ornata; spira convexa, parum elevata, apice obtusa; anfr.  $4\frac{1}{2}$  convexi, ad suturam planiusculi, regulariter accrescentes, ultimus obtuse carinatus, antice subteres, non descendens, supra declivis, infra valde convexus; apertura late lunaris; perist. album, reflexum, margine basali regulariter arcuato, columellari dilatato, umbilicum semioccultante. — Diam. maj. 83, min. 63, alt. 40, umbil. 6 mill.» (H.)

*Helix Amori* Gonz. *Hidalgo* in Journ. Conch. XV. 1867. p. 71. t. 1. f. 3.

Habitat Tena reipublicae Aequatoris (Martínez).

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2438. (1819.) **Gibboni Pfr.** — *Solaropsis* A<sup>2</sup>. 164. — *H. magnifica* Lea. — Nova Granada. (I. 371.)
2439. (1820.) **serpens Mart.** (Coll. Nr. 1229.) *Solaropsis* A<sup>2</sup>. 164. — *Helix pellis serpentis* Hupé in Casteln. exp. Moll. p. 5. — *H. pell. serp. var. β. integra?* Drouët Moll. Guyan. p. 52. — Var. minor; diam. 42, alt. 24 mill.: Drouët ibid. p. 52. t. 4. f. 45. — Guyana. (IV. 284.)
2440. (1821.) **monolacca Pfr.** (Coll. Nr. 1230.) *Pfr.* Novit. conch. p. 147. — *Solaropsis* A<sup>2</sup>. 164. — Surinam. (IV. 285.)
2441. (1822.) **pellis serpentis Chemn.** (Coll. Nr. 1231.) Drouët Moll. Guyan. p. 51. — *Solaropsis* A<sup>2</sup>. 164. — *H. constrictor* Hupé in Casteln. exp. Moll. p. 6. — *Solaropsis pell. serp.* Mörch in Journ. Conch. XIII. p. 381. — Guyana. (I. 371.)
2442. (1823.) **pellis Boae Hupé.** † — *Solaropsis* A<sup>2</sup>. 164. — *Helix Boa* Hupé in Casteln. exp. Moll. p. 6. t. 1. f. 4. — Peruvia. (IV. 285.)
2443. (1824.) **Brasiliana Desh.** (Coll. Nr. 1232.) *Solaropsis* A<sup>2</sup>. 164. — Hupé in Casteln. exp. Moll. p. 8. t. 2. f. 2. — *H. serpens* Orb. — Brasilia. (I. 372.)
2444. (1824a.) **anguicula Hupé.** † — *Solaropsis* A<sup>2</sup>. 164. — Hupé in Casteln. exp. Moll. p. 7. t. 1. f. 3. — Peruvia. (IV. 286.)

2445. **H. vipera Pfr.**

T. peranguste umbilicata, depressa, solidula, superne irregulariter striata et dense granulata, pallide fulvida, fasciis 2



albidis, rufo anguloso-maculatis (altera ad suturam, altera supra peripheriam) et inter illas strigis rufulis ornata; spira convexa, obtusa; anfr. 5 convexiusculi, ultimus subcarinatus, ad partem peripheriae aperturae oppositam sulco 1 notatus, antice non descendens, subtus irregulariter tumidus et impressus, radiato-striatus, fasciis moniliformibus pictus; apertura diagonalis, subtriangulari-lunaris; perist. album, marginibus remotis, supero expanso, basali incrassato, subreflexo, umbilicum lamina dilatata semioccultante. — Diam. maj. 37, min. 34, alt. 18 mill. (Mus. Cuming.)

*Helix vipera* Pfr. in Proc. Zool. Soc. 1859. p. 24. t. 44. f. 6.  
(Malak. Bl. 1859. p. 29.)

— — Pfr. Novit. conch. p. 149. Nr. 243. t. 38. f. 12  
— 14.

Habitat in Brasilia.

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2446. (1825.) **heliaca** Orb. (Coll. Nr. 1233.) Solaropsis A<sup>2</sup>. 164. —  
*Hupé* in Casteln. exp. Moll. p. 10. t. 2. f. 1. — *H. cicatrica*  
*Ant.* — Bolivia, republ. Argentina. (I. 372.)

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2447. (1826.) **Quoyi** Desh. — Chloritis A<sup>2</sup>. 162. — Obba Mart. Ostas.  
Zool. II. p. 289. \*) — *H. undulata* Quoy — *Semicornu Quoyi*  
Wallace in Proc. Zool. Soc. 1865. p. 410. — Celebes. (I. 373.  
IV. 286.)

2448. (1827.) **rubra** Alb. — Chloritis A<sup>2</sup>. 162. — *Semicornu rubrum*  
Wallace in Proc. Zool. Soc. 1865. p. 410: ins. Aru, Mysol. —  
Testa purpurascenti-fusca. (IV. 287.)

2449. (1828.) **concosa** Fér. — Chloritis A<sup>2</sup>. 162. — *Semicornu concisum*  
Wallace in Proc. Zool. Soc. 1865. p. 410: Waigiou. — Ins.  
Aroo, Nova Guinea. (Mus. Cuming.) (I. 373.)

2450. (1829.) **sulcosa** Pfr. — *Semicornu sulcosum* Wallace in Proc.  
Zool. Soc. 1865. p. 410. — Ins. Aru (Wallace). (IV. 287.)

2451. (1830.) **zodiaca** Fér. — *H. zodiacus* Wood (Chloritis) A<sup>2</sup>. 162.  
— Mart. Ostas. Zool. II. p. 284. \*\*) — Celebes. (I. 373.)

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\*) «Testa mediocriter umbilicata, convexo-depressa, solida, striata plicis grossiusculis valde obliquis et rugis ascendentibus confertioribus sculpta, castaneo-rufa, albo-unifasciata; spira brevis; anfr. 5½, convexiusculi, ultimus rotundatus, basi sat convexus, antice distincte descendens; apertura diagonalis, semiovata, pro ratione testae parva; peristoma incrassatum, reflexum, album, marginibus sat distantibus, callo crasso albo junctis, basali antrorsum convexo.

a. Diam. maj. 56, min. 43, alt. 33½; apert. long. 33½, lat. 26 mill.

b. — — 53, — 42, — 32; — — 30½, — 25 —

c. — — 51, — 39, — 37; — — 28, — 24½ —.» (v.M.)

\*\*) «Testa subanguste umbilicata, depresso inflata, leviter striatula, punctis impressis numerosissimis minimis (reliquiis pilorum?) sculpta, aurantio-fulva, subtus pallidior, fascia peripherica lata alba; spira vix prominula; anfr. 4½, vix convexiusculi, ultimus rotundatus, infra paulo magis



2452. (1831.) **Cunninghami Gray.** (Coll. Nr. 1234.) *Pedinogyra* A<sup>2</sup>. 162. — *H. Tupinieri Eyd.* — Australia. (I. 374.)

2453. **H. Isis Pfr.**

T. umbilicata, depressa, solidula, striatula, unicolor castanea; spira vix elevata; anfr. 5 vix convexiusculi, sensim accrescentes, ultimus antice subdeflexus, peripheria obsoletissime angulatus, subtus convexior; apertura obliqua, late lunaris, intus submargaritacea; perist. album, marginibus vix convergentibus, supero subhorizontali, expanso, basali late reflexo, ad insertionem breviter ascendente, umbilicum mediocrem lamina dilatata semioccultante. — Diam. maj. 45, min. 38, alt. 19 mill. (Mus. Cuming.)

*Helix Isis Pfr.* in Proc. Zool. Soc. 1860. p. 133. t. 50. f. 8.  
(Malak. Bl. 1860. p. 237.)

Habitat in insulis Admiralitatis.

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2454. (1832.) **Forbesi Pfr.** — Habitat? (I. 374.)  
2455. (1833.) **omphalodes Pfr.** (Coll. Nr. 1235.) *Ampelita* A<sup>2</sup>. 163. — Madagascar. (I. 374.)  
2456. (1834.) **galactostoma Pfr.** — *Ampelita* A<sup>2</sup>. 163. — Madagascar. (III. 238.)  
2457. (1835.) **sepulcralis Fér.** (Coll. Nr. 1236.) *Ampelita* A<sup>2</sup>. 163. — *H. labrella Lam.* — Madagascar. (I. 374.)  
2458. (1836.) **Clotho Fér.** † — *Ampelita* A<sup>2</sup>. 163. — Madagascar. (III. 238.)  
2459. (1837.) **Lachesis Fér.** (Coll. Nr. 1237.) *Ampelita* A<sup>2</sup>. 163. — Madagascar. (III. 239. 648.)  
2460. (1838.) **Atropos Fér.** (Coll. Nr. 1238.) *Ampelita* A<sup>2</sup>. 163. — Madagascar. (III. 239. IV. 288.)  
2461. (1839.) **tuba Alb.** — *Chloritis* A<sup>2</sup>. 162. — *Mart. Ostas. Zool.* II. p. 285.\* 397. — Celebes; Nova Guinea? (IV. 288.)  
2462. (1840.) **granulosa Fér.** † — *Ampelita* A<sup>2</sup>. 163. — Madagascar. (III. 239.)

quam supra inflatus, antice paululum descendens; apertura subverticalis, transverse elliptica; peristoma late reflexum, crassum, album, extus roseum, marginibus conniventibus, callo junctis, infero stricto, antrorsum convexo, callo parietali distincto albo. — Diam. maj. 55, min. 38½, alt. 29½; apert. long. 35, lat. 26½ mill.» (v. M.)

\*) «Testa *peranguste umbilicata*, depressa, tenuis, subgranulata et pilis brevibus rigidis, quincunciatis obsita, opaca, fulva, fuscofasciata, regione umbilicali fusca, albocincta; spira vix prominula; anfr. 4, vix convexiusculi, ultimus inflatus, antice vix descendens; apertura subperpendicularis, transverse oblonga; peristoma undique reflexum, pallide roseum, marginibus sat distantibus, infero stricto, antrorsum convexo. — Diam. maj. 39, min. 28, alt. 22; apert. long. 26, lat. 18 mill. — Persimilis *H. zodiaco*» (v. M.)

2463. (1841.) **consanguinea Fér.** — Ampelita A<sup>2</sup>. 163. — *H. zonalis Reeve?* — Madagascar. (III. 239.)  
 2464. (1842.) **Madagascariensis Lam.** — Ampelita A<sup>2</sup>. 163. — *H. Madecassina Fér.* — Madagascar. (I. 375. III. 649.)

2465. **H. atacta Pfr.**

T. umbilicata, perdepressa, tenuiuscula, oblique striata, fulvescenti-albida, fasciis 4 rufis ornata; spira vix elevata, vertice obtuso; sutura submarginata; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus peripheria obsolete angulatus, antice subgibbosus, pone aperturam subcristatus; apertura perobliqua, elliptica; perist. album, late expansum et reflexum, marginibus approximatis, columellari intus vix incrassato, ad insertionem dilatato, umbilicum mediocrem, conicum partim occultante. — Diam. maj.  $25\frac{1}{2}$ , min. 24, alt. 10 mill. (Coll. Nr. 1239.)

*Helix atacta Pfr.* in Proc. Zool. Soc. 1864. p. 386. t. 37. f. 5.

— — *Mart. Ostas. Zool. II.* p. 306. t. 16. f. 4.

*Planispira atacta Wallace* in Proc. Zool. Soc. 1865. p. 409.

Habitat in insulis Ternate, Gilolo (Wallace).

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2466. (1843.) **Sanziana Hombr.** et **Jacq.** — Hadra A<sup>2</sup>. 165. — Mindanao. (III. 240.)

2467. (1844.) **Audouini Orb.** — Aglaia A<sup>2</sup>. 122. — Bolivia. — Var.: *H. oresigena Orb.* (I. 375.)

2468. **H. Patasensis Pfr.**

T. late umbilicata, depressa, solidula, striatula et foveolis minutis undique sculpta, fulvida, castaneo-unifasciata; spira vix elevata; anfr.  $5\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus depresso-rotundatus, antice deflexus; apertura perobliqua, lunato-elliptica; perist. albidum, marginibus conniventibus, supero breviter expanso, basali reflexo, versus insertionem sensim dilatato. — Diam. maj. 36, min. 29, alt. 13 mill. (Mus. Cuming.)

β. Minor, fascia castanea suprapерipherica utrinque pallide marginata.

*Helix Patasensis Pfr.* in Proc. Zool. Soc. 1859. p. 24. t. 43. f. 6. (Malak. Bl. 1859. p. 29.)

— — *Pfr.* Novit. conch. p. 157. Nr. 252. t. 44. f. 8—10.

Habitat in Andibus provinciae Patas Peruviae (Dr. Farris).

2469. **H. mesomphalos Morelet. †**

«Te late umbilicata, orbiculata, superne depressa, subtus convexa, tenuis, striatula, subpellucida, rufo-cornea, fasciis

3 cingulata, supera et infera vix notatis, mediana saturate castanea; anfr. 5 plano-convexi, ultimus subangulatus, antice deflexus; apertura ovato-rotundata; perist. acutum, marginibus approximatis, supero expansiusculo, columellari stricte reflexo. — Diam. maj. 27, min. 22, alt. 11 mill.» (M.)

*Helix mesomphalos* Mor. in Journ. Conch. VIII. 1860. p. 371.  
Habitat in Peruvia.

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2470. (1845.) **Duvalii** Pet. — Ampelita A<sup>2</sup>. 163. — Madagascar. (I. 376.)

2471. (1846.) **haematostoma** Jan. † — Bengalia. (I. 376.)

2472. (1847.) **purpurostoma** Guill. † — Nova Guinea. (I. 377.)

(1848. *planorbella* Lam. vid. Nr. 2390 in §. 113.)

2473. (1849.) **proxima** Fér. — India orientalis. (I. 377.)

2474. (1850.) **Dillwyniana** Pfr. — Habitat? (III. 240.)

2475. (1851.) **bizonalis** Desh. — Obba A<sup>2</sup>. 159. — Manila. (III. 241.)

2476. (1852.) **Reeveana** Pfr. (Coll. Nr. 1240.) Obba A<sup>2</sup>. 159. — Ins. Philippin. (I. 377.)

2477. (1087.) **H. Forsteriana** Pfr.

T. mediocriter umbilicata, conoideo-depressa, tenuiuscula, oblique irregulariter rugulata et undique minute granulata, pallide lutescens, fasciis 3 rufis, 1 suturali, 2 approximatis periphericis cincta; spira breviter conoidea; anfr. 6 modice convexi, lente accrescentes, ultimus antice vix descendens; apertura obliqua, lunaris, intus submargaritacea; perist. fusco-carneum, breviter reflexum, juxta umbilicum dilatatum. — Diam. maj. 19, min. 16, alt. 10½ mill. (Coll. Nr. 1241.)

β. Major; diam. maj. 32, min. 28, alt. 17—18 mill.

*Helix Forsteriana* Pfr. Mon. Helic. IV. p. 174. (ex speciminibus incompletis.)

— *hetaera* Pfr. in Proc. Zool. Soc. 1860. p. 135. (Malak. Bl. 1860. p. 237.)

Habitat «Cape Flattery» orae borealis Australiae (Macgillivray).

2478. **H. Condoriana** Crosse et Fischer. †

«T. umbilicata, subdepressa, tenuiuscula, setis brevissimis, confertis exasperata, subdiaphana, fulvida; spira parum elevata; anfr. 5 convexiusculi, ultimus antice descendens, circa umbilicum mediocrem, infundibuliformem subangulatus; apertura parum obliqua, elongato-lunaris; peristomium album, nitidum, marginibus valde convergentibus, reflexis, margine columellari brevi, sursum dilatato, patente, umbilici partem obtegente. — Diam. maj. 20, min. 18, alt. 12½ mill.» (Cr.)

*Helix Condoriana* Fisch. et Crosse in Journ. Conch. XI. 1863.  
p. 351. t. 14. f. 1.

Habitat in insula Poulo-Condor Cochinchinae (Michau).

2479. **H. flavidula Martens.** †

«Testa anguste umbilicata, subdepressa, leviter striatula, pallide corneoflava, rufo-unifasciata; spira vix prominula; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus basi inflatus, circa umbilicum subangulatus, antice deflexus et levissime constrictus; apertura parum obliqua, lunato-semiovata; peristoma undique breviter reflexum, crassiusculum, carneum, marginibus sat distantibus, supero valde arcuato, basali strictiusculo, subcalloso. — Diam. maj. 19, min. 15, alt. 10; apert. long.  $9\frac{1}{2}$ , lat. 9 mill.» (v. M.)

*Helix flaveola* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864.  
p. 525. (Non *Kryn.* 1837.)

— *flavidula* Mart. in Günth. zool. Jahresber. 1864; (Planispira) Ostas. Zool. II. p. 302. t. 14. f. 4.

Habitat prope Maros insulae Celebes.

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2480. (1853.) **Fortunei Pfr.** (Coll. Nr. 1242.) *Nanina Fortunei* (Ariophanta) A<sup>2</sup>. 55. — China. (III. 241.)

2481. (1854.) **Stimpsoni Pfr.** — *H. genulabris* Martens in Malak. Bl. 1860. p. 33. \*) — *H. similis* var. *Stimpsoni* Mart. Ostas. Zool. II. p. 19. — Japonia. (IV. 289.)

2482. **H. Zoroaster Theobald.** †

«Testa umbilicata depresso-globosa, minute striata, cornea ad peripheriam rubro unifasciata; (interdum non cincta, pallide cornea sive vitrea). Anfract. 5. Apertura parum obliqua, rotundato-lunari. Perist. tenui, reflexiusculo. — Diam. 0,62, alt. 0,34 poll.» (Th.)

*Helix Zoroaster* Theob. in Journ. As. soc. Beng. 1859. XXVIII.  
Nr. 4. p. 306.

Habitat inter Ava et Prome.

Obs. «Affinis *H. sculpturitae*, similari et *Bolo*.»

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\*) «Testa umbilicata, conico-depressa, tenuis, striata, nitida; spira convexe conica; anfr.  $5\frac{1}{2}$ , convexiusculi, ultimus obsolete angulatus, basi turgidus, ad aperturam paululum descendens; umbilicus angustus,  $\frac{1}{6}$  diametri aequans; apertura parum obliqua, semiovalis; peristoma breviter expansum, marginibus distantibus, supero subrecto, basali arcuato, prope umbilicum sinuatim recedente. — Diam. maj. 16, min. 12, alt.  $9\frac{1}{2}$  mill.» (v. M.)

2483. (1855.) **ursina Pfr.** — Ins. Admiralitatis. (IV. 290.)

2484. (1090.) **H. crassula Philippi.**

«Testa mediocriter umbilicata, globoso-depressa, vix striatula, epidermide pilis brevibus quincunciatis scabra flavida vestita, concolor; spira subplana, vix prominens, sutura profunda; anfr. 5, ultimus infra inflatus, regione umbilicari leviter angulata, antice distincte descendens; apertura subperpendicularis, late lunata; peristoma incrassatum, undique latiuscule reflexum, roseo-album, marginibus distantibus. — Diam. maj.  $16\frac{2}{3}$ —18, min. 14, alt.  $9\frac{1}{2}$ —11; apert. long.  $8\frac{1}{2}$ — $10\frac{1}{2}$ , alt. 8—10 mill.» (v. M. — Coll. Nr. 1243.)

*Helix crassula* Pfr. Icon. I. 7. p. 152. t. 5. f. 3; Pfr. Mon. Hel. I. p. 198; Chemn. ed. II. p. 251. t. 114. f. 16; Mon. III. p. 153; IV. p. 175. (Status juvenilis.)

— — Mouss. Javan. Moll. p. 20. [t. 2. f. 3. (juv.)  
— — (Chloritis) Alb. Helic. ed. Mart. p. 162.  
— — (Fruticicola) Mart. Ostas. Zool. II. p. 276.  
— Störjana Mouss. in coll.

Habitat in insula Java (Philippi, Jagor), Sumatra (v. Martens).

Obs. Specimen nuperius acceptum, descriptioni Martensianae bene respondens, ego quoque pro forma adulta *H. crassulae* habui.

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2485. (1856.) **mansueta Pfr.** — Dorcasia A<sup>2</sup>. 107. — Australia. (IV. 290.)

2486. **H. instricta Martens. †**

«Testa umbilicata, subdepressa, striatula, corneo-alba, rufo-quadrifasciata, fuscia infima umbilico appropinquata; spira depressa; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus basi turgidus, ad aperturam gibbosus et distincte constrictus; apertura semi-ovata, obliqua; peristoma incrassatum, reflexum, album, margine utroque arcuato. — Diam. maj. 15, min. 12, alt. 8; apert. long. 8, lat. 7 mill.» (v. M.)

*Helix instricta* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 268; (Planispira) Ostas. Zool. II. p. 300. t. 16. f. 5.

Habitat in insulis Moluccis: Ternate, Mareh et Kajoa.

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2487. (1857.) **Taranaki Gray.** (Coll. Nr. 1244.) Dorcasia A<sup>2</sup>. 107. — Nova Seelandia. (I. 378.)

2488. (1858.) **Villiersi Orb.** — Ins. Canar. (I. 378.)

2489. **H. compta H. Adams. †**

«T. umbilicata, depressa, tenuis, cinnamomea; spira brevissime conoidea, apice obtuso; anfr. 5, convexi, lente accrescentes, ultimus vix descendens, basi circa umbilicum infundibuliformem compressus; apertura obliqua, lunato-rotundata, intus pallidior, nitida; perist. albidum, reflexiusculum, marginibus conniventibus, basali arcuato, subreflexo. — Diam. maj. 14, min. 11, alt. 6½ mill.» (A.)

*Helix* (Dorcasia) *compta* H. Adams in Proc. Zool. Soc. 1865. p. 414. t. 21. f. 8.

Habitat in insula Batchian (Wallace).

Obs. An = *H. endoptycha* Mart. (omissa plica in descriptione)? (Mart. Ostas. Zool. II. p. 301.)

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2490. (1859.) **raripila Mor.** (Coll. Nr. 1245.) Cuba. (III. 242. IV. 291.)

2491. (1860.) **sordida Pfr.** (Coll. Nr. 1246.) Pondichery. (I. 335.)

2492. **H. occulta Pfr.**

T. anguste umbilicata, globoso-depressa, tenuis, sub lente undique minutissime granulata, fuscula; spira vix elevata; anfr. 4 convexiusculi, ultimus latus, antice deflexus et subconstrictus, basi ventrosior; apertura magna, obliqua, lunato-ovalis; perist. albo-callosum, marginibus approximatis, dextro expanso, basali reflexo, supra umbilicum dilatato. — Diam. maj. 12, min. 10, alt. 7 mill. (Mus. Cuming.)

*Helix occulta* Pfr. in Proc. Zool. Soc. 1860. p. 22. (Malak. Bl. 1860. p. 238.)

*Dorcasia occulta* Wallace in Proc. Zool. Soc. 1865. p. 408.

Habitat in insulis Aru (Wallace).

Obs. Differt ab affini *H. brevipila* anfractu ultimo lato, umbilico angustiore, apertura magna, subovali, peristomate calloso. — Cl. Martens (Ostas. Zool. II. p. 272) speciem ab *H. similari* Fér. vix diversam censet.

2493. **H. quinaria Pfr.**

T. sublate umbilicata, depressula, tenuiuscula, striata et undique granulata, diaphana, rufo-cornea; spira parum elata, vertice obtuso; anfr. 5, juxta suturam turgiduli, ultimus medio obsolete angulatus, antice constrictus et deflexus; apertura perobliqua, fere circularis; perist. simplex, marginibus approximatis, supero expanso, basali reflexo. — Diam. maj. 14, min. 12, alt. 7 mill. (Mus. Cuming.)

*Helix quinaria* (sphalm. *quinaria*) Pfr. in Proc. Zool. Soc. 1861. p. 195.

Habitat Camboja (Mouhot).

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2494. (1861.) **brevipila** Pfr. (Coll. Nr. 1247.) Dorcasia A<sup>2</sup>. 107. — Australia. — β. Spira obtusiore, marginibus peristomatis approximatis: Cape York (Macgillivray.) (III. 227.)

2495. **H. albicostis** Pfr.

T. sublate umbilicata, depressa, tenuis, granulato-rugosa et pilis brevibus obsita, cornea, costulis obliquis albidis munita; spira parum elevata; anfr. 4 convexiusculi, ultimus superne subangulatus, supra angulum leviter sulcatus, antice deflexus; apertura perobliqua, ovalis; perist. tenue, marginibus fere contiguis, supero expansiusculo, basali breviter reflexo. — Diam. maj. 9½, min. 8, alt. 4⅓ mill. (Mus. Cuming.)

*Helix albicostis* Pfr. in Proc. Zool. Soc. 1860. p. 134. (Malak. Bl. 1860. p. 238.)

Habitat Ahmednuggur Indiae.

2496. **H. Tchefouensis** Crosse et Debeaux. †

«T. late et perspective umbilicata, suborbiculato-depressa, pilis brevissimis hispida, tenuiuscula, pellucida, corneo-fusca; anfr. 4½ convexiusculi, sensim accrescentes, ultimus descendens; apertura lunato-rotundata; perist. patulum, subreflexum, corneo-luteum, marginibus convergentibus, columellari subdilatato, dextro attenuato. — Diam. maj. 8, min. 6½, alt. 3½ mill.» (Cr.)

*Helix Munieriana* Crosse et Deb. in Journ. Conch. XI. 1863. p. 387. (Nec *H. Munieri* Desh.)

— *Tchefouensis* Crosse et Deb. in Journ. Conch. XII. 1864. p. 318. t. 12. f. 5.

— *Tschefouensis* (Fruticicola) Mart. Ostas. Zool. II. p. 43.

Habitat circa locum «Tche-fou» dictum Chinae septentrionalis.

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2497. (1862.) **cyclostomata** Guill. † — Ins. Warrior. (I. 378.)

§. 118.

2498. (1863.) **planulata** Lam. (Coll. Nr. 1248.) Obba A<sup>2</sup>. 159. — *H. auriculata* Swns., *papilionacea* Val., *collapsa* Fér. — Ins. Philippin. (I. 379.)

2499. (1864.) **heroica** Pfr. (Coll. Nr. 1249.) Obba A<sup>2</sup>. 159. — *H. papilla* var.? Mart. Ostas. Zool. II. p. 292. — Celebes. (IV. 291.)

2500. (1865.) **zonalis** Fér. (Coll. Nr. 1250.) Planispira A<sup>2</sup>. 160. — Mart. Ostas. Zool. II. p. 299. \*) — Pfr. in Malak. Bl. 1860

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\*) «Testa mediocriter umbilicata, depressa, leviter striatula, nitidula, isabellina, rufo-quadrifasciata, fascia infima umbilico approximata; spira

p. 65. — *H. leucostoma* Ad. et Rv. — *Planispira zonalis* Wallace in Proc. Zool. Soc. 1865. p. 409. — Ins. Gilolo. (I. 380.)

2501. **H. atrofusca Pfr.**

T. umbilicata, depressa, tenuiuscula, conferte striata, atrofusca, fascia unica suturali lutescente ornata; spira conoideoconvexa, vertice corneo; anfr.  $4\frac{1}{2}$  convexi, rapide accrescentes, ultimus depresso-rotundatus, antice leviter descendens, circa umbilicum mediocrem excavatus; apertura ampla, diagonalis, lunato-ovalis, intus margaritacea, coloribus perlucetibus; perist. album, late expansum et reflexiusculum, marginibus convergentibus, columellari superne dilatato, tum intus tuberculo rotundato munito. — Diam. maj. 32, min. 25, alt. 15 mill. (Mus. Cuming.)

*Helix atrofusca* Pfr. in Proc. Zool. Soc. 1861. p. 22. t. 3. f. 3; Novit. conch. p. 164. Nr. 261. t. 45. f. 4—3.

— — (Planispira) Mart. Ostas. Zool. II. p. 299.

*Planispira atro-fusca* Wallace in Proc. Zool. Soc. 1865. p. 409.

Habitat in insula Batchian (Wallace).

Obs. Differt ab affini *H. zonali* anfractibus rapidius crescentibus, umbilico, apertura majore, minus obliqua, tuberculo columellari rotundato.

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2502. (1866.) **Moricandi Sow.** (Coll. Nr. 1251.) Obba A<sup>2</sup>. 159. — Ins. Philippin. (I. 380.)

2503. (1867.) **Lasallii Eyd.** (Coll. Nr. 1252.) Obba A<sup>2</sup>. 159. — *H. metrix* Sow. — Philippin. (I. 380.)

2504. (1868.) **columbaria Sow.** (Coll. Nr. 1253.) Obba A<sup>2</sup>. 159. — Philippin. (I. 381.)

2505. **H. Martinii Bernardi. †**

«Testa umbilicata, ovato-depressa, solidiuscula, obsolete et partim carinata, epidermide fusco-brunnea induta, minutissime granulata, et in anfractu ultimo malleato-striata. Anfractus 5 subglobosi; sutura impressa; ultimus descendens; peristoma subcontinuum, crassum, reflexum, album; apertura transversa, ovoidea, intus brunnea; dentibus 2 munita, 1 ad

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prominula; anfr. 5, convexiusculi, ultimus infra mediocriter convexus, antice ad fasciam penultimam descendens, leviter constrictus; apertura valde obliqua, late ovata; peristoma album, crassiusculum, undique reflexum, marginibus valde appropinquatis, at disjunctis, aequaliter arcuatis, basali saepius unidentato. — Diam. maj. 28, min. 23, alt. 15; apert. long. 16, lat. 44 mill.» (v. M.)

peristoma, 4 ad columellam. — Diam. maj. 32, min. 25 mill.» (B.)

*Helix Martinii Bernardi* in Journ. Conch. VII. p. 93. t. 1. f. 3.  
(Malak. Bl. 1859. p. 30.)

— — (Isomeria) *Alb. Hel.* ed. *Mart.* p. 156.

Habitat Quito.

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2506. (1869.) **bituberculata** **Pfr.** (Coll. Nr. 1254.) Isomeria *A*<sup>2</sup>. 56.  
— *H. Bourcieri* *Reeve.* — Respubl. Aequatoris. (III. 242.)

2507. (1870.) **brevicens** **Sow.** (Coll. Nr. 1255.) Chloritis *A*<sup>2</sup>. 162. —  
Mindoro. (I. 381.)

2508. (1871.) **H. quadrifasciata** **Le Guillou.** †

«Testa latiuscule umbilicata, depressa, striatula, corneo-albida, rufo-quadrifasciata, fascia infima umbilico approximata; spira vix prominula; anfr. 4½, convexiusculi, ultimus ventricosus, antice in interstitium dimidium fasciae periphericae et penultima descendens, oblique gibbosus, dein valde constrictus; apertura valde obliqua, lunato-semiovata; peristoma leviter incrassatum, reflexum, album, marginibus paulum appropinquatis, subaequaliter arcuatis, basali unidentato. — Diam. maj. 17½—18½, min. 13—14, alt. 8; apert. long. 9—10½, lat. 8½—9 mill.» (v. M.)

*Helix quadrifasciata* *Le Guill.*, *Pfr.* Mon. Hel. I. p. 381.  
Nr. 993.

— — (Planispira) *Mart.* Ostas. Zool. II. p. 300.  
t. 16. f. 4.

*Lucerna quadrifasciata* (Obba) *Adams* Gen. p. 202.

Habitat in insulis Moluccis: Ternate, Halmahera (*Le Guill.*, v. *Martens*).

2509. **H. endoptycha** **Martens.** †

«Testa anguste umbilicata, depressa, oblique striatula, nitidula, fulvobrunnea; spira vix elevata; anfr. 5, sutura profunda divisi, ultimus ad aperturam valde descendens et impressione obliqua antrorsum descendente, intus prominente insignis; apertura semiovata; peristoma incrassatum, reflexum, album, margine supero arcuato-sinuoso, infero strictiusculo et plica oblique intrante insignis. — Diam. maj. 16, min. 13, alt. 8; apert. long. et lat. 7 mill.» (v. M.)

*Helix endoptycha* *Mart.* in Monatsber. Berl. Ak. 18 Apr. 1864.  
p. 268; (Planispira) Ostas. Zool. II. p. 301.  
t. 14. f. 2.

Habitat in insulis Moluccis Ternate et Batjan.

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2510. (1872.) **Duclosiana Fér.** (Coll. Nr. 4256.) Plagiptycha A<sup>2</sup>. 445. — *H. macrodon* Mk.? — Habitat Turk's Island. Nonne eadem species: *H. Bahamensis* Pfr.? (III. 243.)  
 2511? (1873.) **Bahamensis Pfr.** — Vid. praeced. (I. 383.)

2512. (1874.) **H. disculus Deshayes.**

T. anguste umbilicata, depressa, tenuiuscula, conferte striata, corneo-albida, medio plerumque linea rufula obsolete cincta; spira varie elevata, rarius subplana; anfr. 4½ convexiusculi, ultimus antice deflexus, subtus subconstrictus et quasi cicatricosus; apertura perobliqua, lunato-rotundata, tuberculo transverso, linguaeformi, profundo basali coarctata; perist. tenue, expansiusculum, marginibus lamina callosa (in adultis acute elevata) junctis. — Diam. maj. 43, min. 44, alt. 6⅔ mill. (Coll. Nr. 4257 spec. maximum.)

*Helix disculus* Desh., Pfr. Mon. Helic. III. p. 243.

— — Pfr. in Malak. Bl. 1858. p. 450.

Habitat in insulis Haiti et Turk's Island (Hjalmarson).

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2513. (1875.) **strumosa Pfr.** — Plagiptycha A<sup>2</sup>. 445. — Haiti. (III. 243.)

2514. (1876.) **loxodon Pfr.** (Coll. Nr. 4258.) Plagiptycha A<sup>2</sup>. 445. — Haiti. (III. 244.)

§. 449.

2515. **H. bulbulus Mousson.** †

«Testa *latiuscule umbilicata*, inflate-discoidea, leviter striatula, setulis confertis minutis asperata et minutim quasi reticulata, alba, fusco-trifasciata, umbilico fusco; spira subimmersa, sutura sat profunda; anfr. vix 4½, ultimus inflatus, infra convexus, antice valde descendens; apertura diagonalis, lunato-semielliptica; peristoma undique late expansum, tenue, testae concolor, marginibus conniventibus. — Diam. maj. 42—33½, min. 34—25, alt. 49½—46½; apert. incluso perist. long. 27—24, lat. 24½—17, excluso 17—13 et 44½—44 mill.» (v. M.)

*Helix bulbus* Mouss. Jav. Moll. p. 113. t. 21. f. 5. (juv.)

— — Mart. in Malak. Bl. X. 1863. p. 76.

— *bulbulus* Mouss. mss.; Pfr. Mon. Hel. III. p. 271. Nr. 4594.

— — (Chloritis) Mart. Ostas. Zool. II. p. 285. t. 17. f. 2. t. 19. f. 4.

Habitat ad cataractam prope Maros in parte meridionali insulae Celebes (Zollinger, v. Martens).

Obs. Similis *H. tubae* Alb., sed differt umbilico latiore, margine basali latiore et magis curvato et spira plana.

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2516. (1877.) **ungulina Linn.** (Coll. Nr. 4259.) Chloritis A<sup>2</sup>. 462. — Mart. Ostas. Zool. II. p. 279.\*) — *H. badia* Gmel. — *Semicornu unguulinum* Wallace in Proc. Zool. Soc. 1865. p. 410: Ceram. (I. 383.)
2517. (1878.) **Gruneri Pfr.** — Chloritis A<sup>2</sup>. 462. — Mart. Ostas. Zool. II. p. 284. — *Semicornu Gruneri* Wallace in Proc. Zool. Soc. 1865. p. 410: Bourou. — Var.  $\beta$ . Minor, fusco-nigricans, callo parietali filari, sinuato; diam. maj. 25, min.  $24\frac{1}{3}$ , alt. 44 mill. Habitat in parte septentrionali insulae Novae Guineae. (Wallace in Mus. Cuming.) (I. 384.)

2518. **H. unguiculastra Martens. †**

«Testa discoidea, anguste umbilicata, leviter et latiuscule striata, parum nitidula, castanea, concolor; *spira plana*, sutura sat profunda; anfr. 5, ultimus tumidus, rotundatus, facie inferna convexa; apertura parum obliqua, late lunaris; peristoma haud incrassatum, undique breviter et aequaliter expansum, violascens.» (v. M.)

Seba Thesaur. III. t. 44. f. 20.

*Helix unguiculastra* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864. p. 524; (Chloritis) Ostas. Zool. II. p. 284. t. 44. f. 4.

*a. Buruensis*: major, anfractu ultimo ad suturam obtuse angulato, antice paululum et paulatim descendente, umbilico angustiore; diam. maj.  $22\frac{1}{2}$ —26, min. 18—22, alt. 44—44; apert. long. 42—45, lat. 42—44 mill.

*b. Amboinensis*: minor, anfractu ultimo haud angulato, antice valde descendente, umbilico paulo latiore; diam. maj. 18—22, min.  $44\frac{1}{2}$ —48, alt. 9—44; apert. long. 9— $44\frac{1}{2}$ , lat. 9—40 mill.

$\beta$ . *Pilosa*: testa inflato-discoidea, mediocriter umbilicata, leviter striatula, *pilis brevibus nigris obsita*, pallide brunnea; spira plana, sutura modice profunda, angulo prope suturam nullo; anfr. 5, ultimus inflatus, rotundatus, antice valde deflexus; apertura subdiagonalis, lunato-circularis; peristoma non incrassatum, undique expanso-reflexum, album. — Diam. maj. 24, min.  $47\frac{1}{2}$ , alt. 44; apert. long.  $44\frac{1}{2}$ , alt.  $40\frac{1}{2}$  mill.

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\*) «Testa inflata, mersispira, anguste et subcylindrice umbilicata, leviter striata, paulum nitidula, castanea, infra paulum pallidior; anfr.  $5\frac{1}{2}$ —6, profunde immersi, sutura sat profunda, ultimus tumidus, basi distincte angulatus, antice valde descendens; apertura parum obliqua, lunata; peristoma tenue, breviter expansum, infra reflexum, pallide violaceum vel albidum, margine columellari ad insertionem dilatato. — Diam. maj.  $39\frac{1}{2}$ —44, min. 32—33, alt. 24—27; apert. long. 20— $22\frac{1}{2}$ , lat. 22—23 mill. — Specimina juniora pilis mollibus brevibus obsita sunt.» (v. M.)

*Helix unguiculastra* var. *pilosa* Mart. Ostas. Zool. II. p. 282.  
Habitat in insulis Amboina et Buru.

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2519. (1879.) **unguicula Fér.** (Coll. Nr. 1260.) Chloritis A<sup>2</sup>. 162. —  
Mart. Ostas. Zool. II. p. 283. \*) — *H. unguina* Chemn. — *Semicorna unguicula* Wallace in Proc. Zool. Soc. 1865. p. 410:  
Amboina. — Var.? *H. Yoldii* Mörch. (I. 384.)

2520. **H. Ceramensis Pfr.**

T. umbilicata, depressa, tenuiuscula, leviter striata, unicolor castanea; spira plana, medio vix immersa; sutura medio-cris; anfr.  $5\frac{1}{2}$ , primi convexi, sequentes convexiusculi, ultimus subdepressa rotundatus, antice descendens, subtus sensim in umbilicum pervium attenuatus; apertura obliqua, dilatata, rotundato-lunaris, intus lilaceo-margaritacea; perist. tenue, expansum, marginibus conniventibus, supero prope insertionem impresso, columellari parum dilatato, patente. — Diam. maj. 37, min. 29, alt. 14—15 mill. (Coll. Nr. 1261.)

*Helix Ceramensis* Pfr. in Proc. Zool. Soc. 1864. p. 192.

— — (Chloritis) Mart. Ostas. Zool. II. p. 283. \*\*)

*Semicornu Ceramense* Wallace in Proc. Zool. Soc. 1865. p. 410.

Habitat in insula Ceram (Wallace).

2521. **H. exacta Pfr.**

T. umbilicata, depressa, solida, subrugoso-striata, fulva; spira plana, medio subimmersa, anfr.  $5\frac{1}{2}$  vix convexiusculi, lente accrescentes, ultimus antice descendens, periphèria rotundatus, basi circa umbilicum angustum, pervium subinflatus; apertura parum obliqua, anguste lunaris; perist. breviter expansum et incrassatum, marginibus remotis, dextro ab inser-

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\*) «Testa inflato-discoidea, aperte umbilicata, leviter striata, nitidula, aurantia, fascia supera una parum distincta et regione umbilicali late albidis; spira paulum immersa, fere plana; anfr.  $5\frac{1}{2}$ , sutura sat profunda, ultimus tumidus, rotundatus, facie inferna concava, sensim in umbilicum transeunte, antice paulum descendens; apertura diagonalis, late lunaris, peristoma undique latiuscule expansum, testae concolor, margine columellari ad insertionem dilatato. — Diam. maj.  $22\frac{1}{2}$  —  $38\frac{1}{2}$ , min. 20—30, alt. 13— $18\frac{1}{2}$ ; apert. long. 13— $20\frac{1}{2}$ , lat. 12—19 mill.» (v. M.)

\*\*) «Testa discoidea, anguste umbilicata, leviter et latiuscule striata, nitida, castaneorufa; spira plana, medio paulum immersa, sutura modice profunda; anfr. 5, ultimus rotundatus, antice deflexus; apertura parum obliqua, transversa, semielliptica; peristoma vix incrassatum, pallide violaceum. — Diam. maj. 35, min. 26, alt. 15; apert. long. 20, alt.  $16\frac{1}{2}$  mill.» (v. M.)



tionem breviter ascendente, columellari vix dilatato. — Diam. maj. 30, min.  $26\frac{1}{2}$ , alt. 14 mill. (Mus. Cuming.)

*Helix exacta* Pfr. in Proc. Zool. Soc. 1862. p. 271; Novit. conch. p. 212. Nr. 313. t. 56. f. 5. 6.

Habitat in parte septentrionali insulae Novae Guineae (Wallace).

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2522. (1880.) **flexuosa** Pfr. — Chloritis A<sup>2</sup>. 162. — Borneo. (IV. 292.)

2523. **H. erinaceus** Pfr.

T. mediocriter umbilicata, depressa, tenuis, foveolato-striata, pilisque brevibus rigidis obsita, rufescens; spira plana; anfr.  $4\frac{1}{2}$  convexi, ultimus leviter descendens, inflatus, circa umbilicum infundibuliformem compressus; apertura obliqua, rotundato-lunaris, intus margaritacea; perist. tenue, lilaceofuscum, nitidum, expansum, marginibus convergentibus, callo tenui junctis, columellari dilatato. — Diam. maj.  $25\frac{1}{2}$ , min. 21, alt. 15 mill. (Mus. Cuming.)

*Helix erinaceus* Pfr. in Proc. Zool. Soc. 1861. p. 192; Novit. conch. p. 174. Nr. 274. t. 47. f. 3. 4.

Habitat in Nova Georgia (Macgillivray).

2524. **H. breviseta** Pfr.

T. umbilicata, depressa, tenuiuscula, setis brevissimis confertis exasperata, subdiaphana, pallide fulvida; spira vix elata; anfr. 5 convexiusculi, ultimus antice vix descendens, infra medium obsolete subangulatus, circa umbilicum magnum, infundibuliformem subangulatus; apertura parum obliqua, rotundato-lunaris; perist. album, nitidum, marginibus convergentibus, supero et basali arcuatis, reflexis, columellari brevi, sursum dilatato, patente. — Diam. maj. 22, min.  $18\frac{1}{2}$ , alt.  $10\frac{1}{2}$  mill. (Coll. Bernardi.)

*Helix breviseta* Pfr. in Journ. Conch. X. 1862. p. 41. t. 5. f. 4. 5.

Habitat Siam.

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2525. (1881.) **Quimperiana** Fér. (Coll. Nr. 1262.) Campylaea A<sup>2</sup>. 125. — *Mabille* in Journ. Conch. VII. p. 153 et *Petit* ibid. p. 264. — *H. Corisopitensis* Desh., *Kermorvani* Coll. — *Arianta* (Elona) *Quimperiana* Mörch in Journ. Conch. XIII. p. 388. — Gallia, Hispania. (I. 385.)

2526. (1882.) **discordialis** Fér. — Planispira A<sup>2</sup>. 160. — *H. squalus* Hinds. — Mindanao. (I. 385. III. 244.)

2527. (1883.) **Kurri** Pfr. — Planispira A<sup>2</sup>. 160. — *Planispira Kurri* Wallace in Proc. Zool. Soc. 1865. p. 408: Batchian, Waigiou, etc. — Testa setis brevibus rigidis obsita, cinnamomea, fascia

- 4 castanea et albida peripherica ornata. (Ceram: Wallace in Mus. Cuming.) (I. 386.)
2528. (1884.) **zonaria Linn.** (Coll. Nr. 1263.) *Rumph. Amb. Rar.* t. 27. f. O! Conf. *Martens* in *Malak. Bl.* 1863. p. 71. 106. 114. — *Planispira* A<sup>2</sup>. 161. — *Mart. Ostas. Zool.* II. p. 307. t. 16. f. 6 — 11. — *H. fasciolaria Less.* — *Semicornu zonarium Wallace* in *Proc. Zool. Soc.* 1865. p. 410: Ceram. — *Planispira zonaria Mörch* in *Journ. Conch.* XIII. p. 381. — Amboina, Ceram, Buru (v. *Martens*). (I. 386.)
2529. (1885.) **coluber Beck.** (Coll. Nr. 1264.) *Planispira* A<sup>2</sup>. 161. — *Planispira coluber Wallace* in *Proc. Zool. Soc.* 1865. p. 409: Ceram, Amboina, Bourou (an praecedentis varietates?), Gilolo! (Mus. Cuming.) (I. 386.)

2530. **H. mersispira Martens.** †

«Testa anguste umbilicata, depressa, striatula, concolor albida; spira paulum immersa, anfr. 4, convexiusculi, ultimus depressus, ad peripheriam rotundatus, basi paulo magis convexus et circa umbilicum subangulatus, antice deflexus et infra constrictus; apertura valde obliqua, lunato-circularis, extrorsum rotundata; peristoma undique breviter expansum, tenuiusculum, album, marginibus appropinquatis, supero parum, infero magis arcuato. — Diam. maj. 24, min. 18, alt. 11½; apert. long. 14, lat. 12 mill.» (v. M.)

*Helix mersispira Mart.* in *Monatsber. Berl. Ak.* 18 Jul. 1864. p. 525; (*Planispira*) *Ostas. Zool.* II. p. 303. t. 14. f. 8.

Habitat in insula Moti Moluccarum.

Obs. «Species cohortes *H. zonariae* et *ungulinae* inter se conjungens.»

2531. **H. molliseta Pfr.**

T. umbilicata, depressa, planorboidea, tenuiuscula, alba, lineis rufis variis cincta et epidermide fulva, setis brevibus erectis mollibus dense obsita, vestita; spira plana, medio immersa; anfr. 5½ convexiusculi, ultimus permagnus, depresso-rotundatus, antice deflexus, subtus circa umbilicum angustum infundibuli instar excavatus; apertura obliqua, lunaris, intus alba, subfasciata; perist. simplex, marginibus convergentibus, callo junctis, dextro ab insertione ascendente, regulariter arcuato, expanso, columellari flexuoso, anguste reflexo. — Diam. maj. 30, min. 25, alt. 12 mill. (Mus. Cuming.)

*Helix molliseta Pfr.* in *Proc. Zool. Soc.* 1862. p. 271; *Novit. conch.* p. 205. Nr. 306. t. 54. f. 4—6.

*Semicornu mollisetum* Wallace in Proc. Zool. Soc. 1865. p. 410.  
Habitat in insula Mysol (Wallace).

Obs. Differt ab *H. circumdata* Fér. statura, epidermide, anfractu ultimo minus deflexo, umbilico angustiore, apertura magis rotundata.

2532. (1886.) **circumdata** Fér. (Coll. Nr. 1265.) Chloritis A<sup>2</sup>. 162. —  
*Semicornu circumdatum* Wallace in Proc. Zool. Soc. 1865.  
p. 410: Nova Guinea; ins. Aru, Mysol. — β. Major, superne  
unicolor fusca: Waigiou. (I. 387.)

2533. **H. aurita** Martens. †

«Testa anguste umbilicata, depressa, oblique striatula, albida, rufo-trifasciata; spira plana; anfr.  $4\frac{1}{4}$ , sutura superficiali juncti, ultimus basi planatus, ad aperturam valde descendens ibique in facie inferiore leviter constrictus; apertura fere horizontalis, oblique securiformis, marginibus sat distantibus, ad angulum externum sursum flexa; peristoma tenue, reflexum, album, angustum, in angulo externe dilatatum. — Diam. maj. 27, min. 19, alt. 12; apert. long. 16, alt. 11 mill.» (v. M.)

*Helix aurita* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864.  
p. 269; (Chloritis) Ostas. Zool. II. p. 316.  
t. 16. f. 12.

Habitat in insula Moti Moluccarum.

2534. **H. Martensi** Pfr.

T. umbilicata, depressa, tenuiuscula, striatula, diaphana, unicolor castanea; spira plana, medio subimmersa; anfr.  $4\frac{1}{2}$  convexi, ultimus tumidus, juxta suturam et ad peripheriam obsoletissime subangulatus, antice descendens, subtus sensim in umbilicum mediocrem attenuatus; apertura fere diagonalis, irregulariter rotundato-lunaris; perist. rubello-albidum, anguste reflexum, marginibus convergentibus, columellari vix dilatato, patente. — Diam. maj.  $18\frac{1}{2}$ , min. 16, alt.  $7\frac{3}{4}$  mill. (Coll. Nr. 1266.)

*Helix Martensi* Pfr. in Proc. Zool. Soc. 1864. p. 193.

— — (Chloritis) Mart. Ostas. Zool. II. p. 279. \*)

*Planispira Martensi* Wallace in Proc. Zool. Soc. 1865. p. 409.  
Habitat in insula Ceram (Wallace).

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\*) «Testa inflato-discoidea, latiuscule umbilicata, leviter striatula, castanea; spira paulum immersa, angulo prope suturam distincto, prope umbilicum nullo; anfr.  $4\frac{1}{2}$ , ultimus antice valde deflexus; apertura diagonalis, subtriangularis; peristoma undique expansum, roseum, margine supero prope insertionem angulato. — Diam. maj. 19, min. 14, alt. 9;

2535. **H. unguiculina Martens.** †

«Testa inflata, mersispira, anguste umbilicata, parum oblique striatula, corneofusca, unicolor; anfr. 5, spira profunde immersa; sutura profunda; anfr. ultimus inflatus, et prope suturam et circa umbilicum obtuse angulatus, ad aperturam valde descendens; apertura parum obliqua, lunata, margine utroque ad insertionem valde arcuato; peristoma breviter reflexum, tenue, album. — Diam. maj. 17—13 millim., min. 13—10, alt. 10—8; apert.  $8\frac{1}{2}$ —6 lata, 9—6 alta.» (v. M.)

*Helix unguiculina* Mart. in Malak. Bl. X. 1863. p. 135; (Chloritis) Ostas. Zool. II. p. 278. t. 14. f. 5.

Habitat in insula Buru Moluccarum.

Obs. «Forma cum *H. unguicula* Linn., colore et habita cum *unguicula* Fér. convenit, ab utraque statura minore differt.» Nonne praeedenti nimis affinis?

2536. **H. tenella Pfr.**

T. umbilicata, depressa, tenuis, leviter striata, pellucida, pallide cornea; spira plana; anfr. vix ultra 4 convexiusculi, ultimus non descendens, supra medium obsolete angulatus, subtus inflatus, circa umbilicum latum, infundibuliformem subangulatus; apertura obliqua, lunato-rotundata; perist. tenue, marginibus convergentibus, dextro et basali breviter expansis, columellari subdilato, patente. — Diam. maj. 16, min.  $13\frac{1}{2}$ , alt. 8 mill. (Coll. Bernardi.)

*Helix tenella* Pfr. in Journ. Conch. X. 1862. p. 42. t. 5. f. 6. 7.  
Habitat Siam.

2537. **H. Tanquereyi Crosse et Fischer.** †

«T. umbilicata, depressa, obsolete striata, tenuis, pellucida, pallide cornea; spira subplana; anfr.  $4\frac{1}{4}$  convexiusculi, ultimus valde descendens, supra medium carinatus, subtus convexus, circa umbilicum latum infundibuliformem angulatus; apertura obliqua, lunato-oblonga; peristomium expansum, marginibus convergentibus et fere conniventibus, dextro et basali dilatis, reflexis, columellari patente, umbilici partem tegente. — Diam. maj.  $15\frac{1}{2}$ , min. 12, alt.  $6\frac{1}{2}$  mill.» (Cr.)

β. Intermedia, paulo minor, caeterum typo similis; diam. maj. 14, min. 11, alt. 6 mill.

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apert. long.  $9\frac{1}{2}$ , lat. 9 mill. — Proxima *H. unguiculinae*, a qua distinguitur spira minus immersa, umbilico latiore, et altitudine minore testae et aperturae.» (v. M.)

γ. Minima, anfractibus 4, nec  $4\frac{1}{4}$  insignis; diam. maj. 12, min. 10, alt. 5 mill.

*Helix Tanquereyi* Crosse et Fisch. in Journ. Conch. XI. 1863. p. 353. t. 14. f. 2.

Habitat Fuyen-Moth Cochinchinae.

Obs. Proxime affinis videtur *H. delibratae* Bens.

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2538. (1895.) **delibrata** Bens. (Coll. Nr. 1267.) Planispira A<sup>2</sup>. 161. — *H. procumbens* Gould. — India orientalis. (I. 369.)

2539. (1887.) **quieta** Reeve. (Coll. Nr. 1268.) Chloritis A<sup>2</sup>. 162. — Mindanao. (III. 245.)

2540. (1888.) **eustoma** Pfr. (Coll. Nr. 1269 juv.) Planispira A<sup>2</sup>. 161. — Testa epidermide pilos brevissimos rigidos ferente induta. — Ins. Admiralitatis. (IV. 293.)

#### 2541. **H. biomphala** Pfr.

T. mediocriter umbilicata, depressa, solidula, striatula et lanugine brevi oblecta, fusca; spira profunde immersa; anfr. fere 5 turgidi, ultimi rapide accrescentes, ultimus inflatus, altus, antice sensim descendens, circa umbilicum non angulatus; apertura fere diagonalis, lunari-rotundata, intus margaritacea; perist. tenue, carneum, marginibus convergentibus, dextro ab insertione ascendente, subregulariter arcuato, anguste expanso, columellari subarcuato-declivi, anguste reflexo. — Diam. maj. 20, min. 17, alt. 10—11 mill. (Mus. Cuming.)

*Helix biomphala* Pfr. in Proc. Zool. Soc. 1862. p. 272.

— — (Chloritis) Mart. Ostas. Zool. II. p. 279.

*Semicornu biomphalum* Wallace in Proc. Zool. Soc. 1865. p. 410.

Habitat in insula Ceram (Wallace).

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2542. (1889.) **Gaimardi** Desh. — Chloritis A<sup>2</sup>. 162. — *H. adusta* Hinds. — Nova Hibernia. (I. 387. IV. 294.)

2543. (1890.) **tortilabia** Less. (Coll. Nr. 1270.) Planispira A<sup>2</sup>. 161. — *H. gibbosula* Jacq. — *Planispira tortilabia* Wallace in Proc. Zool. Soc. 1865. p. 409. — Ins. Aru, Nova Guinea. (I. 389.)

2544? (1891.) **torticollis** Guill. † — Nova Guinea. (I. 388.)

2545. (1892.) **Moluccensis** Pfr. (Coll. Nr. 1271.) Planispira A<sup>2</sup>. 161. — *H. tortilabia* Jacq.? — *Planispira Moluccensis* Wallace in Proc. Zool. Soc. 1865. p. 409. — Ins. Mysol. (III. 245.)

2546. (1893.) **guttata** Guill. † — Ceram. (I. 388.)

2547. (1894.) **zebra** Pfr. (Coll. Nr. 1272.) Planispira A<sup>2</sup>. 161. — *Planispira zebra* Wallace in Proc. Zool. Soc. 1865. p. 409. — Ceram, Goram. (III. 246.)

#### 2548. **H. expansa** Pfr.

T. umbilicata, depressa, tenuis, striatula, superne vix nitidula, carnea, antrorsum cinnamomea; spira plana, subimmersa;

anfr. 4 convexiusculi, rapide accrescentes, ultimus magnus, depresso-rotundatus, antice vix descendens, subtus distinctius striatus, albidus, nitidus, pone aperturam gibboso-inflatus et constrictus; apertura ampla, perobliqua, lunato-circularis; perist. tenue, marginibus convergentibus, dextro horizontaliter abeunte, late expanso, basali reflexo. — Diam. maj. 22, min.  $17\frac{1}{2}$ , alt. 10 mill. (Coll. Nr. 1273.)

*Helix expansa* Pfr. in Proc. Zool. Soc. 1864. p. 22; Novit. conch. p. 165. Nr. 262. t. 45. f. 4—6.

— — (Chloritis) Mart. Ostas. Zool. II. p. 286. t. 14. f. 3.

— *anozona* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 269. \*)

*Planispira expansa* Wallace in Proc. Zool. Soc. 1865. p. 409.

Habitat in insula Batchian (Wallace).

2549. (1895.) **margaritis** Pfr. — *Planispira* A<sup>2</sup>. 161. — *Planispira margaritis* Wallace in Proc. Zool. Soc. 1865. p. 409: Ceram. (III. 246.)

2550. (1896.) **corniculum** Jacq. — *Planispira* A<sup>2</sup>. 161. — Nova Guinea. — *Planispira corniculum* Wallace in Proc. Zool. Soc. 1865. p. 409: Batchian. (III. 247.)

#### 2551. **H. quadrivolv**is Martens. †

«Testa mediocriter umbilicata, inflate-discoidea, subtiliter striatula, alba, fuscofasciata; spira paululum immersa, sutura profunda, anfr. 4, teretes, ultimus non deflexus; apertura subverticalis, sinuosa, oblique lunata; peristoma tenue, undique breviter expansum, marginibus distantibus, columellari oblique descendente, supero inflexo. — Diam. maj. 15, min. 12, alt. 7, apert. long. 9, lat. 7 mill.» (v. M.)

*Helix quadrivolv*is Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 53; (Chloritis) Ostas. Zool. II. p. 288. t. 14. f. 6.

Habitat in parte occidentali insulae Borneo.

Obs. Affinis *H. circumdatae* Fér. et *tenellae* Pfr.

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\*) «Testa anguste umbilicata, supra plana, infra inflata, subtiliter striata, tenuis, alba, in facie superna fasciis rufo-fuscis variis picta; apex paulum immersus; anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus ad aperturam breviter descendens, non constrictus; apertura diagonalis, lunato-rotundata, ampla; peristoma tenue, reflexum, album, callo tenui junctum, margine columellari arcuato. — Diam. maj. 20, min. 15, alt. 13; apert. long. et lat. 11 mill. — Superne *H. margaritidi* Pfr., subtus *H. corniculo* Hombr. et Jacq. similis.» (v. M.)



*(Species americanae Nr. 2552 — 2562.)*

2552. (1897.) **rosarium Pfr.** — Solaropsis A<sup>2</sup>. 164. — *Martens* in Malak. Bl. XIV. 1867. p. 133. — *Ripae fluvii Amazonum.* (III. 247.) (1898. *delibrata* Bens. vid. Nr. 2538.)
2553. (1899.) **monile Brod.** (Coll. Nr. 1274.) *H. planorbis* Jay. — Columbia. (I. 389.)
2554. (1900.) **sclenostoma Pfr.** — Solaropsis A<sup>2</sup>. 164. — *H. sclerostoma* Reeve. — Respubl. Aequatoris. (III. 248.)
2555. (1901.) **catenifera Pfr.** — Solaropsis A<sup>2</sup>. 164. — Nova Granada. (III. 248.)

2556. (1902.) **H. Castelnaui Hupé.**

T. umbilicata, depressa, tenuis, diaphana, parum nitens, fulvida, superne ad suturam rufo subquadrato-maculata et interrupte fasciata; spira planiuscula; sutura profunda; anfr. 5 convexi, summi granulati, ultimus vix descendens, oblique ruguloso-plicatus, subtus convexior, infra peripheriam interrupte unifasciatus; umbilicus apertus,  $\frac{1}{6}$  diametri subaequans, extus infundibuliformis; apertura parum obliqua, rotundato-lunaris, intus margaritacea; perist. breviter expansum, marginibus conniventibus, columellari superne dilatato, patente. — Diam. maj. 18, min. 15 $\frac{1}{2}$ , alt. 6 $\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix Castelneaudii* Dev. et Hupé, Pfr. Mon. III. p. 248.

— — (Solaropsis) Alb. Helic. ed. Mart. p. 164.

— *Castelneaudii* Hupé in Casteln. exp. Moll. p. 11. t. 2. f. 4.

— *Castelnaui* Pfr. in Malak. Bl. V. 1858. p. 159.

— — Mart. in Malak. Bl. XIV. 1867. p. 134.

Habitat in Peruvia.

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2557. (1903.) **Marmatensis Pfr.** — Nova Granada. (IV. 295.)

2558. (1904.) **Cordovana Pfr.** (Coll. Nr. 1275.) Veracruz reipubl. mexicanae. (IV. 295.)

2559. (1905.) **suavis Gundl.** (Coll. Nr. 1276.) Cuba. (IV. 295.)

2560. (1906.) **desidens Rang.** (Coll. Nr. 1277.) Martinique. (I. 378.)

2561. (1997.) **andicola Pfr.** — Solaropsis A<sup>2</sup>. 164. — Cordillerae orientales. (I. 389.)

2562. (1908.) **hians Pfr.** — Solaropsis A<sup>2</sup>. 164. — Habitat? (I. 389.)

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2563. **H. cyrtopleura Pfr.**

T. sublate umbilicata, depressa, planorboidea, solidula, costis subconfertis filaribus arcuatis sculpta, albida; spira plana; anfr. 4—4 $\frac{1}{2}$ , superne vix convexiusculi, ultimus convexior, subteres, antice non descendens; apertura obliqua, lunato-subcircularis, intus nitida; perist. albo-callosum, mar-

ginibus convergentibus, dextro breviter expanso, basali reflexiusculo. — Diam. maj. 48, min.  $44\frac{1}{2}$ , alt. 6— $6\frac{1}{2}$  mill. (Coll. Nr. 1278.)

*Helix cyrtopleura* Pfr. in Journ. Conch. X. 1862. p. 227.  
t. 10. f. 4.

Habitat circa lacum Torrentem partis septentrionalis Australiae meridionalis.

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2564. (1909.) **bifoveata** Bens. — Birmania. (IV. 296.)

2565. (1910.) **nautiliformis** Porro. (Coll. Nr. 1279.) *Gonostoma* A<sup>2</sup>. 92. — *Stabile* Prosp. moll. Lugan. p. 23. 52; Moll. viv. Piém. 1864. p. 38. — Italia borealis. (I. 390.)

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2566. (1911.) **polygyrata** Born. (Coll. Nr. 1280.) *Hupé* in Casteln. exp. Moll. p. 12. (Malak. Bl. 1858. p. 159.) — *Ophiogyra* A<sup>2</sup>. 94. — *H. polygyra* Gmel. — *H. Charybdis* Mörch? — Brasilia. (I. 405.)

#### 2567. **H. Laomontana** Pfr.

T. umbilicata, discoidea, solida, conferte capillaceo-striata, fusca; spira plana; anfr.  $6\frac{1}{2}$  vix convexiusculi, lente accrescentes, ultimus peripheria rotundatus, antice subdilatus, deflexus, subtus antice fortius striatus; umbilicus latissimus, pateraeformis; apertura perobliqua, transverse truncato-oblonga, in imo fundo lamellis pluribus, per testam conspicuis, munita; perist. albidum, incrassatum et reflexiusculum, marginibus callo crassiusculo rectilineari junctis. — Diam. maj. 32, min. 27, alt.  $8\frac{1}{2}$  mill. (Mus. Cuming.)

β. Minor, anfr. 6; diam. maj.  $24\frac{1}{2}$ , min. 18, alt.  $6\frac{1}{3}$  mill. (Coll. Nr. 1284.)

*Helix Laomontana* Pfr. in Proc. Zool. Soc. 1862. p. 272.  
t. 36. f. 9. 10; Novit. conch. p. 216. Nr. 318.  
t. 57. f. 7—9.

Habitat «Lao Mountains» Cambojae (Mouhot).

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2568. (1912.) **Charpentieri** Pfr. — *Ophiogyra* A<sup>2</sup>. 94. — *Crosse* in Journ. Conch. XII. p. 22. t. 2. f. 11. — Ceylon. (IV. 296.)

#### §. 120.

#### 2569. **H. latizona** Pfr.

T. mediocriter umbilicata, depressa, tenuiuscula, striatula, vix nitidula, fusca, zona latiuscula alba ad suturam ornata, spira subplana; anfr.  $4\frac{1}{2}$ , superi convexiusculi, ultimus rotundatus, superne antice subsulcatus, deflexus, subtus constrictus;

apertura perobliqua, rotundato-ovalis; perist. undique sublato expansum, marginibus convergentibus, columellari tuberculo oblongo nodiformi intus munito. — Diam. maj.  $26\frac{1}{2}$ , min. 24, alt. 14 mill. (Mus. Cuming.)

*Helix latizona* Pfr. in Proc. Zool. Soc. 1863. p. 524.

*Planispira latizona* Wallace in Proc. Zool. Soc. 1865. p. 409.

Habitat in insula Ceram (Wallace).

Obs. Similis *H. atrofuscae* Pfr., spira plana statim distinguenda.

#### 2570. **H. horrida** Pfr.

T. umbilicata, depressa, tenuiuscula, granulata setisque rigidis erectis obsita, corneo-fusca; spira immersa; sutura profunda; anfr.  $4\frac{1}{2}$  convexi, ultimus rotundatus, antice profunde descendens, fossa profunda ab apertura remotiuscula et 2 juxta peristoma notatus; umbilicus latiusculus, infundibuliformis; apertura subhorizontalis, bisinuato-piriformis, intus dente profundo et ad marginem duobus validis (omnibus fossis externis respondentibus) instructa; perist. continuum, undique reflexum, marginibus dextro et basali flexuosis, parietali subelevata. — Diam. maj.  $48\frac{1}{2}$ , min. 44, alt.  $7\frac{1}{2}$  mill. (Coll. Nr. 1282.)

*Helix horrida* Pfr. in Proc. Zool. Soc. 1862. p. 272. t. 36. f. 15.

Habitat «Lao Mountains» Cambojae (Mouhot).

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2571. (1913.) **auridens** Rang. (Coll. Nr. 1283.) Cepolis A<sup>2</sup>. 152. — Martinique. (I. 412.)

#### §. 121.

2572. (1914.) **achatina** Gray. (Coll. Nr. 1284.) Ophiogyra A<sup>2</sup>. 94. — *H. anguina* Gould. — Animal descriptum in Ann. and Mag. n. h. 3d. ser. IV. p. 95. Subgenus *Plectopylis* \*) Bens. ibid. V. p. 244. (Conf. Bens. ibid. VI. Aug. 1860.) Descriptioni speciei addatur: janua pliciformi fauciali prima remota, lamina 4 parietali magna verticali bifurcata, postice sinuose intrantē, antice lamellas 2 emittente, mediana aperturam attingente, inferiori mediocri, plica 4 basali horizontali elongata; plicis palatalibus 3 superioribus, 4 basali intrantibus, lamina 4 verticali lata elongata intersita. — Habitat «Farm Caves» prope Moulmein.» (Bens.) (I. 406.)

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\*) «Testa plerumque sinistrorsa, late umbilicata, subdiscoidea, depressa vel conoideo-depressa; apertura plica parietali callosa lamellam horizontalem saepe emittente, intus pylis sive epiphragmatibus pluribus distantibus plicatis (prima ab apertura plus minusve remota) obstructa.» Species huc referuntur sequentes. Sect. 1: *H. achatina* Gray et *Cyclaspis* Bens. — Sect. 2: *H. refuga* Gould var. *dextrorsa* et *Leiophis* Bens. — Sect. 3: *H. plectostoma* et *Pinacis* Bens.

2573. (1915.) **refuga Gould.** — Ophiogrya A<sup>2</sup>. 94. — Birmania. (I. 407.) — Var. *dextrorsa* (subg. *Plectopylis*) Bens. in Ann. and Mag. n. h. 3d. ser. V. (Apr. 1860) p. 246. Adde: «janua pliciformi fauciali prima remota; lamina 4 parietali magna verticali simplici antice lamellam 4 inferiorem elongatiusculam emittente, lamella superiore valde elongata aperturæ laminam parietalem non omnino attingente, plica basali obsoleta; plicis palatalibus intransibus 6, tribus superioribus et basali elongatis, sinuosis, quarta et quinta brevibus, postice plicis obliquis distinctis munitis. — Tenasserim Valley.» (Benson.)

2574. **H. Leiophis Benson.**

«Testa sinistrorsa, late et profunde umbilicata, subdiscoidea, superne planata, interdum omnino plana, vix solidula, oblique et arcuatim rugoso-striata, lineis nonnullis spiralibus decussata, sub epidermide scabra, fusco-cornea, albida; spira apice vix elevatiusculo laevigato, sutura impressa; anfractibus  $5\frac{1}{2}$ — $6\frac{1}{2}$  angustis, ultimo supra peripheriam angulato, antice valde deflexo, basi rotundata; apertura valde obliqua subhorizontali, lunari, peristomate reflexo albido, marginibus lamina sinuosa elevata, medio lamellam profunde intrantem, usque ad januam attingentem emittente junctis. Janua pliciformi fauciali prima remota; lamina 4 parietali verticali simplici forti lamellam aperturalem valde elongatam superne emittente, infra eam lamellis duabus brevibus (a lamina spatio brevi separatis) munita; plicis 6 palatalibus intransibus, quinta robustiore obliqua. — Diam. maj. 11—14, min. 8—11, alt. 3— $4\frac{1}{2}$  mill.» (B. — Coll. Nr. 1285.)

*Helix Leiophis (Plectopylis) Bens.* in Ann. and Mag. n. h. 3d. ser. V. (Apr. 1860.) p. 246.

Habitat prope Thyet Mio.

2575. **H. repercussa Gould. †**

«T. sinistrorsa, discoidea, supra planulata, infra concava, plicato-striata et lineis volventibus superne insculpta, castanea; anfract. 6, ultimo vix angulato, prope aperturam deflecto: apertura despiciens, oblique lunata, peritremate reflexo, postice callo angulato juncto; lamellis palatalibus duabus intro volventibus, quarum una ad angulum inconspicua. — Diam. 4, alt.  $\frac{3}{10}$  poll.» (G.)

*Helix (Corilla) repercussa Gould* in Proc. Bost. Soc. VI. Oct. 1856. p. 11; Otia conch. p. 219.

Habitat Tavoy et Mergui (Benjamin).

2576. **H. brachyplecta Benson. †**

«H. testa dextrorsa, late umbilicata, discoidea, obesuscula, minute arcuato-striata, striis minutissimis spiralibus obsolete

decussata, opaca, non nitida, rubescenti-castanea, superne saturatiore, circum apicem succinea; spira planata, apice vix prominente, sutura impressa; anfractibus 6, lente accrescentibus, convexiusculis, ultimo rotundato, superne prope suturam subangulato, antice descendente; apertura obliqua, rotundato-lunari, subauriculata, intus lilacina; peristomate expansiusculo, rufo-castaneo, marginibus remote convergentibus, plica arcuata prominente parietali junctis, lamina longiuscula subascendente e medio plicae intus recedente, plicis 2 parietalibus remotis verticalibus, quarum externa arcuata internaue curvata, laminis 6 remotioribus palatalibus, quarum superiore et basali tenuibus et 4 medianis incrassatis, foveatis; umbilico lato, concavo. — Diam. maj. 22, min. 18, axis 8 mill.» (B.)

*Helix brachyplecta* (*Plectopylis*) Bens. in Ann. and Mag. n. h. 3d. ser. XI. (May 1863.) p. 319.

Habitat prope Moulmein (Gordon).

2577. **H. Karenorum** Blanford. †

«Testa sinistrorsa, perlate umbilicata, discoidea, superne plana, solida, alba, strigis subirregularibus pallide castaneis signata, utrinque sinuose transversim striata, striisque spirali-bus decussata; epidermis tenuis, cornea. Apex minute granu-latus, vix prominens; sutura non impressa, peranguste margi-nata. Anfr. 6 angusti arcte voluti, superne plani, ultimus supra peripheriam angulatus, subtus rotundatus, antice deflexus et levissime compressus pone aperturam. Umbilicus omnes anfractus monstrans. Apertura diagonalis, truncato - subcircu-laris; perist. album, undique reflexum, marginibus junctis la-mella elevata laminam emittente usque ad plicationem, in  $\frac{1}{4}$  anfractus sitam et *H. achattinae* similem porrigentem; lamina parietalis transversa superne simplex et obliqua, tum bifurcata, emittens laminam ad orificium decurrentem, duasque breves basales; lamina alia filiformis ad basin partis aperturalis de-currens, aperturam jungens; dentes palatales 5, superiores 3 et infimus longitudinales, supremus perlongus, tenuis, quartus verticalis, furcae in lamina parietali respondens. — Diam. maj. 13, min. 11, axis 4 mill.» (Bl. angl.)

*Helix Karenorum* (*Plectopylis*) W. Blanf. Contrib. to Ind. Ma-lac. V. 1865. p. 9.

Habitat in Pegu.

2578. **H. perarcta** Blanford. †

«T. sinistralis, late umbilicata, discoidea, tenuiuscula, alba, sinuose transversim striata, utrinque obsolete decussatula.



Apex minute granulatus, leviter elevatus, sutura profundiuscula impressa. Anfr. 6, superne et ad peripheriam convexi, ultimus pone aperturam subcompressus, subito deflexus ad aperturam obliquam, rotundato-lunatam; peristoma album, undique expansum, marginibus junctis crista curvula, a medio emittente laminam plicationem non attingentem; lamina parietalis verticalis simplex, breviuscula, leviter curvata, cum plica rudimentaria transversa ad apicem; lamellae 2 horizontales liberae infra illam, infima longior et tenuior; dentes palatales 6, horizontales praeter quartum et quintum leviter obliquos; umbilicus apertus, profundus, omnes anfractus monstrans. — Diam. maj. 11, min. 9, alt. 4 mill.» (Bl. angl.)

*Helix perarcta* (*Plectopylis*) W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 11.

Habitat prope Ava.

2579. **H. Feddeni Blanford.** †

T. sinistrorsa, latissime umbilicata, discoidea, superne plana, tenuis, albida, utrinque sculptura irregulari oblique notata. Spira omnino plana, apice non elevato, sutura impressa. Anfr.  $6\frac{1}{2}$  — 7, angusti, arcte voluti, superne convexiusculi, ultimus multo latior, periphèria et subtus rotundatus, antice abrupte deflexus. Umbilicus cavus, omnes anfractus monstrans. Apertura fere horizontalis, subcirculari-lunata. Perist. subincrassatum, undique expansum, marginibus costa junctis, e medio laminam emittente interdum ad plicationem parietalem decurrentem, at saepe interruptam et semper crassiorem et altiore antice quam postice; lamina verticalis in fronte, altera leviter obliqua pone illam; prima emittens ab apice laminam interruptam ad aperturam decurrentem et a basi breviorè horizontalem; posterior ramulis parvis superne et inferne suffulta; lamina libera angusta filiformis inter ambas; dentes palatales 5, horizontales praeter quartum verticalem et fortiorè, primus et secundus caeteris longiores. — Diam. maj. 16, min. 13, alt.  $4\frac{1}{2}$  mill.» (Bl. angl.)

*Helix Feddeni* (*Plectopylis*) W. Blanf. Contrib. to Ind. Malac. V. 1865. p. 11.

Habitat prope Prome.

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2580. (1916.) **Rivoli Desh.** (Coll. Nr. 1286.) *Ophiogrya* A<sup>2</sup>. 94. — Conf. Crosse in Journ. Conch. XII. t. 2. f. 10. — *H. carabinata* Fér. — Ceylon. (IV. 297.)

2581. **H. Humberti Brot.** †

«T. late et profunde umbilicata, discoidea, subirregularis, solidula, superne costulato-striata, subtus vix striatula, nitida,



unicolor olivaceo-fusca; spira plana. Anfr. 5 vix convexiusculi, ultimus antice descendens. Apertura obliqua, obtuse cordata, lamella una parietali, centrali, valida, sinuata et palatali una profunda, brevi (extus haud conspicua) coarctata. Peristoma dilute olivaceo-fuscum, callosum, brevissime reflexum; marginibus callo elevato junctis, supero subdentato, infero dente quadrato munito. — Diam. maj. 25, min. 20, alt. 9 mill.» (B.)

*Helix Humberti* Brot in Journ. Conch. XII. 1864. p. 21. t. 2. f. 5. 6.

Habitat in insula Ceylon (Humbert).

### 2582. **H. Anax** Benson. †

«H. testa late umbilicata, subovato-discoidea, utrinque concava, solidula, superne oblique costulato-striata, subtus striata, nitidiuscula, fusco-castanea, subtus laetiore; spira immersa, apice elevatiusculo, sutura subprofunda; anfractibus 5, primis convexiusculis, ultimo convexo, antice descendente, dilatato, deflexo, ad diametrum minorem angustiore; apertura perobliqua, rotundato-oblonga, lamellis 2, parietalibus, albis, superiore longe intrante, sinuata, inferiore obliqua sinuata, brevior, ab apertura remotiuscula, palatalibus 3 longiusculis subprofundis obliquis parallelis ab apertura conspicuis extus perlucetibus coarctata; peristomate caeruleo-albido, subcalloso, breviter reflexiusculo, marginibus callo albo junctis, inferiore subdentato-incrassato. — Diam. maj. 23, min. 17½, axis 8 mill. Apert. lata vix 10, longa 9 mill.» (B.)

*Helix Anax* (Corilla) Bens. in Ann. and Mag. n. h. 3d. ser. XV. (Jan. 1865.) p. 12.

Habitat in montibus Travancoricis Indiae.

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2583. (1917.) **erronea** Alb. (Coll. Nr. 1287.) Ophiogrya A<sup>2</sup>. 94. — Crosse in Journ. Conch. XII. p. 22. t. 2. f. 7—9. — Ceylon. (I. 407: Rivolii. IV. 298.)

### 2584. **H. pulvinaris** Gould. †

«T. utrinque concava, cornea, striis incrementi conspicuis insculpta; anfr. ad 7 (subtus 5) ultimo demum deflecto. Apertura lunata admodum campanulata, peristomate flexuoso, satis reflexo; denticulis in fauce ad 9, haud productis. — Diam. ¾, axis ⅕ poll.» (G.)

*Corilla* \*) *pulvinaris* Gould in Proc. Bost. Soc. VI. p. 424;  
Otia conch. p. 103.

*Helix pulvinaris* (Corilla) Mart. Ostas. Zool. II. p. 51. \*\*)  
t. 14. f. 9.

Habitat Hongkong et prope Canton.

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2585. (1918.) **pollodonta** Orb. — Ophiogrya A<sup>2</sup>. 94. — Bolivia. (I.  
407. IV. 298.)

2586. **H. entodonta** Pfr.

T. umbilicata, depressa, discoidea, solidula, dense striata, pellucida, albido-hyalina; spira plana, subimmersa; anfr. 7½ convexi, angustissimi, ultimus irregularis, 4 mill. pone aperturam complanatus et intus dentibus 3 perlucetibus munitus, antice dilatatus, vix descendens; umbilicus latus, dimidium diametri occupans; apertura diagonalis, obauriformis; perist. breviter reflexum, marginibus remotis, dextro flexuoso. — Diam. maj. 6½, min. 5⅓, alt. 2 mill. (Mus. Cuming.)

*Helix entodonta* Pfr. in Proc. Zool. Soc. 1859. p. 24. t. 43.  
f. 2. (Malak. Bl. 1859. p. 30.)

Habitat Cuenca reipublicae Aequatoris (Fraser).

Obs. Peraffinis *H. pollodontae* Orb.; differt statura, sculptura, anfractu ultimo fere ad modum *H. helicycloidae* angustato et defectu laminarum parietalium.

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2587. (1919.) **sculpturata** Gray. — Damarha Africae meridionalis.  
(I. 408.)

§. 122.

2588. (1920.) **Linnaeana** Pfr. — Habitat? (I. 390.)

2589. **H. ochthoplax** Benson. †

«Testa profunde et anguste subobtecte umbilicata, depressa, superne convexa, subtus convexiore, solidiuscula, oblique

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\*) Subgen. *Corilla* H. et A. Adams (emend.) «Testa planorboidea, plerumque sinistrorsa, plus minusve distorta, arcte spirata, subtus concava; fauce in fundo denticulis compressis fere occluso, quorum uno saepe ad aperturam producto; peristomate incrassato, reflexo.» (Gould.) Conf. Bens. in Ann. and Mag. n. h. Aug. 1860.

\*\*) «Testa discoidea, latissime umbilicata, oblique striata, flavida, unicolor, spira plana, apice subprominulo; anfr. 6, supra vix convexiusculi, ultimus obtuse biangulatus, antice deflexus, non dilatatus; apertura sat obliqua transverse elliptico-lunata, dentibus (usque 9) extus non conspicuis; peristoma undique expansum. — Diam. maj. 15, min. 12½, alt. 6; apert. long. 7, lat. 6 mill.» (v. M.)

rugoso - striata, obsolete granulata, rugis nonnullis obsoletis spiralibus distantibus subtus confertioribus decussata, rufo-castanea; spira valde obtusa, sutura lineari, demum impressiuscula; anfractibus 5 planiusculis, ultimo antice convexiusculo; peripheria carinata, carina antice mitiore; apertura obliqua, quadrato-lunari, peristomate expanso, albido, marginibus callo tenui arcuato junctis, basali reflexiusculo, incrassato, antice arcuato, columellari brevi, declivi, reflexo, sinuato, umbilicum subtegente. — Diam. maj. 54, min. 46, axis 26 mill.» (B.)

*Helix ochthoplax* Bens. in Ann. and Mag. n. h. 3d. ser. VI. (Sept. 1860.) p. 90.

Habitat in regione Pegu.

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2590. (1921.) **Amazonica** Pfr. — Solaropsis A<sup>2</sup>. 164. — Hupé in Casteln. exp. Moll. p. 9. t. 1. f. 1. — Ripae fluvii Amazonum. (IV. 299.)

2591. (1922.) **saturnia** Gould. — Phania A<sup>2</sup>. 157. — Birmania. (III. 250. IV. 299.)

2592. (1922 a.) **Pascalina** Caill. † — Pfr. Mon. IV. p. 350. — Solaropsis A<sup>2</sup>. 164. — Brasilia.

2593. (1923.) **Oxytes** Bens. — *Nanina oxytes* (Oxytes) A<sup>2</sup>. 54. — Bengal. (III. 250.)

2594. (1924.) **Martini** Pfr. — *Nanina amphidroma* Mart. in Monatsber. Berl. Ak. 18 Apr. 1864. p. 265 \*); Ostas. Zool. II. p. 221. t. 11. f. 2 cum var. *B. intermedia* et *C. H. Mackensiana* Soul. (t. 11. f. 6.) — Malacca, Sumatra, Borneo. (IV. 300.)

2595. (1925.) **lanx** Fer. (Coll. Nr. 1288.) Ampelita A<sup>2</sup>. 163. — *H. Radama* Less. — Madagascar. (I. 392.)

2596. (1926.) **majuscula** Pfr. — Ins. Admiralitatis. (IV. 300.)

2597. (1927.) **Pallasiana** Pfr. — *Nanina Pallasiana* (Oxytes) A<sup>2</sup>. 54. — Archip. Koreanus? (III. 250.)

2598. (1928.) **Thyreus** Bens. — *Nanina Thyreus* (Ariophanta) A<sup>2</sup>. 55. — India australis. — Specimen detritum: *H. ryssolemma* Alb., Pfr. Mon. IV. p. 112. — *Nanina rhysolemma* (Ariophanta) A<sup>2</sup>. 55. (Teste Albers ipso. Conf. Mart. Ostas. Zool. II. p. 221. (III. 251. IV. 301.)

2599. (1929.) **avus** Pfr. — Hadra A<sup>2</sup>. 166. — Ins. Philippin. (III. 251.)

2600. (1930.) **marginella** Gmel. (Coll. Nr. 1289.) Caraculus A<sup>2</sup>. 156. — *H. marginata* Fér., *fasciata* Blv., *indiscreta* Müll. — *H. Bornii* «Chemn.» Pfr. Mon. I. p. 391. — *Carocolla marginella* Mörch in Journ. Conch. XIII. p. 381. — Portorico.

(1931. *transitoria* Pfr. vid. *H. marginelloides* Orb. Nr. 2020.)

2601. (1682.) **Gaskoini** Pfr. — Mon. Hel. IV. p. 263. — Haiti.

\*) «Testa modo dextra, modo sinistra, aperte perforata, subconoideo-depressa, supra striis obliquis confertis argutis subtiliter granulosis sculpta, cinnamomea, infra striis laevibus radiata, castanea; spira breviter conoidea, subtilius striata; anfr. 7, lente crescentes, planiusculi, ultimus angulatus, antice non descendens; apertura valde obliqua, semi-elliptica; peristoma expansum, album, margine basali antrorsum convexo. — Diam. maj. 43, min. 34, alt. 26, apert. long. 25, lat. 19 mill.» (v. M.)

2602. (1932.) **Feisthameli Hupé.** (Coll. Nr. 4290.) *H. serpens* Spix (non Mart.), Hupé in Casteln. exp. Moll. p. 3. t. 4. f. 2. — *H. punctata* Wagn. (non Müll.) — *H. Pointhameli* (Solaropsis) A<sup>2</sup>. 464. — Brasilia. (I. 394: *serpens*.)

2603. **H. Gordoniae Benson. †**

«H. testa perforata, orbiculata, depressa, tenui, superne oblique plicatula et minutissime striata, infra laeviore, subpolita, confertissime radiatim striatula, striis nonnullis distantibus decussata, albida, epidermide pallide cornea induta; spira planulata, apice vix elevato, obtuso, suturis impressis, late marginatis; anfractibus 7, lente accrescentibus, vix convexiusculis, ultimo ad peripheriam superne compresse carinato, antice non descendente; apertura subobliqua, lata, angulato-lunata, peristomate vix reflexiusculo, intus breviter incrassato, albo, margine superiore brevi, basali late regulariter arcuato, prope umbilicum undulato. — Diam. maj. 33, min. 30, axis 44 mill.» (B.)

*Helix Gordoniae* Bens. in Ann. and Mag. n. h. 3d. ser. XI. (Febr. 1863.) p. 87.

Habitat prope Moulmein in regione Birmanica.

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2604. (1933.) **Lamarei Menke.** — Ampelita A<sup>2</sup>. 463. — Madagascar (I. 392.)
2605. (1934.) **Xystera Val.** (Coll. Nr. 4291.) Ampelita A<sup>2</sup>. 463. — *H. lanx* Desh. — Madagascar. (I. 392.)
2606. (1935.) **unicolor Pfr.** (Coll. Nr. 4292.) Ampelita A<sup>2</sup>. 463. — Habitat? (I. 393.)
2607. (1935a.) **infumata Gould. †** — (Pfr. Mon. IV. p. 351.) Gould Otia conch. p. 245. — W. G. Binn. Pac. R. R. Rep. VI. p. 412; Terr. Moll. IV. p. 45. — California.
2608. (1936.) **fulgurata Sow.** — Habitat? (I. 393.)
2609. (1937.) **lancula Fér.** (Coll. Nr. 4293.) Ampelita A<sup>2</sup>. 463. — Madagascar. (I. 394.)
2610. (1938.) **Terveriana Grat. †** — Madagascar. (I. 394.)
2611. (1939) **Guillaini Petit.** — Pfr. Mon. III. p. 252. Nec IV. p. 302 (descr.) — Ampelita A<sup>2</sup>. 463. — Madagascar.

2612. **H. Cazenavetti Fischer et Bernardi.**

«Testa orbiculato - depressa, solidiuscula, perforata, concentricè minutissime striata, lineis obliquis obsoletis submal-leata, nitida, lutea; anfractus 3½ rapide accrescentes, plani; sutura vix impressa, violaceo - tincta; anfractus ultimus permagnus, carinatus, subtus valde convexus; umbilico transverso, violaceo-tincto; apertura triangularis, angulata; peristoma album, reflexum, non descendens, prope umbilicum violaceum; columella vix callosa, violacea. — Diam. maj. 26, min. 22, alt. 44 mill.» (F.)

β. Superne late et infra carinam angustius castaneo-unifasciata. (Coll. Crosse.)

*Helix Cazenavetti* Fisch. et Bern. in Journ. Conch. VI. p. 280.  
t. 10. f. 1. 2.

— — (Ampelita) *Alb. Helic.* ed. *Mart.* p. 163.

— *Guillaini* Pfr. Mon. Helic. IV. p. 302 (descriptio).

Habitat Madagascar?

### 2613. *H. Calypso* Pfr.

T. umbilicata, depressa, solidula, conferte striatula, fulva, ad suturam rufo-unifasciata; spira parum elevata, obtusa; anfr. 4 convexiusculi, regulariter accrescentes, ultimus non descendens, peripheria subcarinatus, subtus nitidior, fulvo-lutescens, circa umbilicum infundibuliformem, intus castaneum subangulatus; apertura perobliqua, irregulariter ovalis, intus albido-margaritacea; perist. pallide lilaceum, marginibus convergentibus, supero flexuoso, expanso et reflexiusculo, basali breviter reflexo, columellari fere verticaliter ascendente. — Diam. maj. 36, min. 29, alt.  $44\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix Calypso* Pfr. in Proc. Zool. Soc. 1861. p. 386. t. 37. f. 8.  
Habitat Madagascar.

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2614. (1940.) **Costaricensis** Roth. — *Helicigona Costaricensis* Mörch in Malak. Bl. VI. 1859. p. 111. — *Costarica*. (IV. 302.)

### 2615. *H. Primeana* Crosse. †

«T. umbilicata, depressa, parum crassa, solidiuscula, longitudinaliter rugato-striata, unicolor, pallide fusca; spira parum elevata, obtusa, sutura levis, impressa; anfr. 5 vix convexiusculi, lente accrescentes, ultimus antice non descendens, peripheria acute carinatus, infra carinam multo convexior, obsolete rugato-striatus; umbilicus mediocris, subcylindricus; apertura obliqua, rotundato-lunaris, ad occursum carinae subangulata, intus squalide alba; peristoma albidum, margine supero breviter expanso, basali et columellari incrassato-reflexis. — Diam. maj. 26, min.  $23\frac{1}{2}$ , alt. 12 mill.» (C.)

*Helix Primeana* Crosse in Journ. Conch. XII. 1864. p. 284;  
XIV. 1866. p. 57. t. 1. f. 3.

Habitat in China?

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2616. (1941.) **Scheepmakeri** Pfr. — *Planispira* A<sup>2</sup>. 161. — Pfr. in Malak. Bl. 1860. p. 65. — *Mart. Ostas. Zool.* II. p. 318. — *Planispira Scheepmakeri* Wallace in Proc. Zool. Soc. 1865. p. 410. — *Ins. Batchian.* (III. 254.)

2617. **H. biconvexa Martens.** †

«Testa anguste umbilicata, lenticularis, acute carinata, leviter striatula, lineis spiralibus subtilibus confertis sculpta, alba, fuscofasciata; spira plana; anfr. 4, supra convexiusculi, ultimus utrinque aequaliter planatus, antice deflexus et parte inferiore constrictus; apertura subhorizontalis, securiformis, extus resupinata; peristoma vix incrassatum, album, superne rectum, subtus breviter reflexum, marginibus sat appropinquatis, supero rectilineo, infero arcuato. — Diam. maj.  $26\frac{1}{2}$ , min. 19, alt.  $9\frac{1}{2}$ ; apert. long. 14, lat. 11 mill.» (v. M.)

*Helix biconvexa Mart.* in Monatsber. Berl. Ak. 18 Jul. 1864. p. 526; Ostas. Zool. II. p. 317. t. 16. f. 13.

Habitat in insula Tavalli Minore Moluccarum.

Obs. «Affinis *H. Scheepmakeri*, cujus facies infera omnino plana »

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2618. (1942.) **parmula Brod.** (Coll. Nr. 1294.) Obba A<sup>2</sup>. 159. — Ins. Philippin. (I. 394.)

2619. **H. Mackensii Adams et Reeve.**

T. latissime umbilicata, depressa, acute carinata, tenuis, superne confertim arcuato-striata, epidermide ad carinam longe ciliata vestita, fusco-cornea; spira vix conoideo-elevata, vertice subtili; anfr.  $6\frac{1}{2}$  vix convexiusculi, lente accrescentes, ultimus antice breviter deflexus, subtus subtilius striatus, circa umbilicum  $\frac{1}{3}$  diametri occupantem turgidus; apertura perobliqua, angulato-lunaris; perist. tenue, marginibus convergentibus, supero expansiusculo, basali breviter reflexo. — Diam. maj. 30, min.  $27\frac{1}{2}$ , alt. 10 mill. (Coll. Nr. 1295.)

*Helix Mackensii Ad. et Reeve* Voy. Samarang. Moll. p. 60. t. 15. f. 6. (Nec Soul.)

— *elegantissima var.?* Pfr. Mon. Helic. III. p. 253.

Habitat Ty-pin-san insularum Meiacoshimas Maris flavi.

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2620. (1943.) **discus Desh.** † — Habitat? (III. 252.)

2621. (1944.) **cheiri Less.** † — Nova Guinea. (I. 395.)

2622. (1945.) **horizontalis Pfr.** — Obba A<sup>2</sup>. 159. — Ins. Philippin. (I. 395.)

2623. **H. calcar Martens.** †

«Testa aperte umbilicata, depressa, lenticularis, superne cingulo elevato et ad peripheriam carina acuta munita, rugis grossis obliquis sculpta, nigricanti-fusca; spira fere plana;



anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus utrinque subaequaliter convexus, antice valde deflexus; apertura subhorizontalis, ovata, extrorsum acuta, intus fuscescens; peristoma undique reflexum, album, continuum. — Diam. maj. 23, min. 17, alt. 9; apert. long. 12, lat. 9 mill.» (v. M.)

*Helix calcar* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864. p. 525;  
(Obba) Ostas. Zool. II. p. 293. t. 17. f. 5.

Habitat prope Dodinga insulae Halmahera (Djilolo).

Obs. «Affinis *H. rotae* Brod.»

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2624. (1946.) **marginata** Müll. (Coll. Nr. 1296.) Obba A<sup>2</sup>. 159. —  
*H. scabrosa* Fér., Grayana Pfr. olim. — Ins. Philippin. (I. 395.)

2625. **H. sororcula** Martens.

«Testa anguste umbilicata, lenticularis, acute carinata, subtiliter striata, nitidula, albida, fasciis 3—5 pallide rufis angustis picta; spira breviter conica, obtusa; anfr. vix 4, plani, ultimus supra et infra aequaliter parum convexus, antice abrupte et valde descendens; apertura subhorizontalis, subovata, extrorsum acutiuscula; peristoma tenue, breviter expansum, albidum, marginibus approximatis, callo tenui junctis. — Diam. maj. 17—19, min. 14—15 $\frac{1}{2}$ , alt. 8—9; apert. long. 10—10 $\frac{1}{2}$ , lat. 8 mill.» (v. M. — Coll. Nr. 1297.)

*Helix sororcula* (Obba) Mart. Ostas. Zool. II. p. 294. t. 17. f. 4.  
Habitat prope Manado in parte septentrionali insulae Celebes.

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2626. (1947.) **gallinula** Pfr. (Coll. Nr. 1298.) Obba A<sup>2</sup>. 159. — Philippin. (I. 396.)

2627. (1948.) **elegantissima** Pfr. (Coll. Nr. 1299.) Plectotropis A<sup>2</sup>. 121. — *H. pretiosa* Alb. — Excludatur var.  $\beta$ : *H. Mackensii* Nr. 2619. (III. 253.)

2628. (1949.) **Cathcartae** Reeve. † — Typinsan. (IV. 303.)

2629. **H. Huanucensis** Philippi. †

«H. testa umbilicata, depresso-lenticulari, utrinque aequae convexa, carinata, striatula, laevi, luteola, utrinque rufo-unifasciata; anfractibus 5 planulatis, ultimo antice deflexo; carina rotundata; apertura subhorizontali, elliptica; peristomate parum incrassato, superius expanso, inferius reflexo, extremitatibus lamina labiali junctis. — Diam. maj. fere 24, min. 20, alt. 9 mill.» (Ph.)

*Helix Huanucensis* Phil. in Malak. Bl. XIV. 1867. p. 65,

*Helix Huanucensis* Pfr. Novit. conch. Fasc. XXVII. p. 334.  
Nr. 448. t. 79. f. 13—15.

Habitat ad ruinas oppidi «Huánuco viejo» Peruviae (Raimondi).

Obs. «A dorso visa *H. fibulae* Brod. simillima, sed umbilicata. Fascia secunda rufa paginae superioris carinae approximatae obsoleta adest, quae forte in aliis speciminibus magis distincta; fascia inferior carinae approximata est. Umbilicus modice apertus, diametri c. 2 mill.»

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2630. (1950.) **Gueinzii Pfr.** — Moyobamba Peruviae. (IV. 303.)

2631. (1951.) **gabata Gould.** — Plectotropis A<sup>2</sup>. 124. — Birmania. —  
*Plectotropis gabata* Wallace in Proc. Zool. Soc. 1865. p. 408:  
Celebes. (?) (I. 396. III. 253.)

### 2632. **H. mellea Pfr.**

T. umbilicata, depressa, carinata, tenuiuscula, sub lente minutissime granulata, oleoso-micans, pallide fulva; spira parum elevata, vertice obtuso; anfr. fere 5 planiusculi, regulariter accrescentes, ultimus antice vix descendens, infra carinam acutiusculam subinflatus; umbilicus mediocris, profundus; apertura parum obliqua, subangulato-lunaris; perist. albidum, marginibus vix convergentibus, supero anguste expanso, basali subreflexo, columellari breviter ascendente, superne subdilatato. — Diam. maj. 22, min. 20, alt. 9 mill. (Mus. Cuming.)

*Helix mellea* Pfr. in Proc. Zool. Soc. 1865. p. 829. t. 46.  
f. 4; Malak. Bl. XIII. 1866. p. 42.

Habitat in insula Formosa (Swinhoe).

### 2633. **H. plectotropis Martens. †**

«Testa umbilicata, conoideo-depressa, carinata, costis obliquis validis sat distantibus sculpta, albida; spira convexa, apice alba; anfractus 5½, tumiduli, inde a tertio carina distincta filiformi crenulata cincti, ultimus ad aperturam paulum descendens, basi modice convexus; umbilicus mediocris, pervius; apertura ovato-elliptica, diagonalis, peristoma reflexum, paulum dilatatum, ad carinam anguliferum, marginibus approximatis, callo tenui junctis. — Diam. maj. 19, min. 16½, alt. 11 mill.; apert. long. 10½, lat. 9 mill.» (v. M.)

*Helix plectotropis* Mart. in Malak. Bl. XI. 1864. p. 114. t. 3.  
f. 3—5.

Habitat in montibus Thianschan Asiae centralis (v. Semenow).

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2634. (1952.) **Merguiensis Phil.** (Coll. Nr. 1300.) Mergui Birmanorum. (I. 397.)

2635. **H. leucotropis Pfr.**

T. anguste umbilicata, depressa, solidula, conferte striatula, nitidula, carnea; spira breviter conoidea; sutura albo-marginata; anfr.  $4\frac{1}{2}$  convexiusculi, ultimus carina compressa, acuta, alba munitus, antice vix descendens, basi convexior; apertura obliqua, subrhombéo-lunaris; perist. tenue, marginibus convergentibus, supero breviter expanso, basali reflexo, ad insertionem dilatato. — Diam. maj. 18, min. 15, alt. 8 mill. (Mus. Cuming.)

*Helix leucotropis* Pfr. in Proc. Zool. Soc. 1864. p. 22. (Malak. Bl. VII. p. 238.)

*Papuina leucotropis* Wallace in Proc. Zool. Soc. 1865. p. 411. Habitat in insulis Aru (Wallace).

2636. **H. caseus Pfr.**

T. umbilicata, depressa, tenuiuscula, irregulariter striata et sub lente minutissime granulata, diaphana, albido-cornea vel pallide rufescens; spira vix elevata; sutura impressa; anfr.  $4\frac{1}{2}$  planiusculi, ultimus superne obtuse carinatus, antice deflexus, basi turgidus, circa umbilicum conicum angulatus; apertura diagonalis, subelliptica; perist. album, undique sublate reflexum, marginibus approximatis, basali leviter arcuato, juxta umbilicum dilatato. — Diam. maj. 18, min. 15, alt. 9 mill. (Mus. Cuming.)

*Helix caseus* Pfr. in Proc. Zool. Soc. 1860. p. 134. (Malak. Bl. VII. p. 239.)

— — (Plectotropis) Mart. Ostas. Zool. II. p. 75.

Habitat Siam.

2637. **H. Emma Pfr.**

T. umbilicata, depressa, tenuiuscula, conferte et irregulariter rugoso-striata, superne liris nonnullis obsoletis cincta, haud nitens, carneo et albido variegata; spira breviter conoidea, vertice acutiusculo; sutura linearis; anfr. 4 planiusculi, ultimus acute carinatus, antice vix descendens, basi convexus; umbilicus angustus, pervius; apertura perobliqua, rotundatorhombea; perist. tenue, marginibus convergentibus, supero expanso, antrorsum arcuato, ad carinam subsinuato et leviter rostrato, basali reflexo, ad insertionem dilatato. — Diam. maj. 18, min.  $14\frac{1}{2}$ , alt.  $7\frac{1}{2}$  mill. (Mus. Cuming.)

*Helix Emma* Pfr. in Proc. Zool. Soc. 1862. p. 273; Novit. conch. p. 209. Nr. 310. t. 55. f. 4—7.

Habitat «Lao Mountains» Cambojae (Mouhot).

2638. (1953.) **trichotropis Pfr.** (Coll. Nr. 1301.) Plectotropis A<sup>2</sup>. 121.  
— Mart. Ostas. Zool. II. p. 43. — China. (III. 253.)

2639. **H. intumescens Martens. †**

« Testa mediocriter umbilicata, depresso conica, infra sat convexa, striata, lardeonitens, pallide brunnea; carina peripherica albida, ad aperturam evanescens; angulus umbilicalis distinctus; spira sat elata; anfr. 5—6, convexiusculi, ultimus antice sensim paululum deflexus; apertura diagonalis, quadrato-rotundata; peristoma breviter expansum, album, margine columellari subverticali, cum basali angulum distinctum efficiente. — Diam. maj. 8—14, min. 7—12, alt. 5½—9; apert. long. et alt. 3½—7 mill.» (v. M.)

*Helix intumescens* (Plectotropis) Mart. Ostas. Zool. II. p. 263.  
t. 13. f. 10.

Habitat in insula Java.

Obs. «Proxime affinis *H. rotatoriae*, sed constanter altior et umbilicus angustior.»

2640. (1954.) **rotatoria V. d. B.** (Coll. Nr. 1302.) Plectotropis Mart. Ostas. Zool. II. p. 264. \*) — *Nanina rotatoria* (Discus) A<sup>2</sup>. 62.  
— Java, Flores. (I. 203.)

2641. **H. Akowtongensis Theobald.**

T. late umbilicata, depressa, lenticularis, acute carinata, tenuiuscula, pallide cornea, dense granulata, epidermide tenui subsetosa vestita; spira vix elevata, vertice minuto; anfr. 5 planiusculi, ultimus antice breviter deflexus, basi circa umbilicum, ⅓ diametri fere aequantem, tumidus; apertura diagonalis, irregulariter rotundato-lunaris; perist. tenue, marginibus convergentibus, supero expansiusculo, basali perarcuato, reflexo. — Diam. maj. 15, min. 12⅔, alt. 5 mill. (Coll. Nr. 1303.)

*Helix Akowtongensis* Theob. in Journ. As. Soc. XXVIII. Nr. 4.  
1859, p. 306.

Habitat Akowtong provinciae Pegu (Theobald), Thyet Mio (Blanford).

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\*) «Testa latiuscule umbilicata, supra brevissime conoidea, infra convexior, striatula (recens subtiliter squamulosa), nitidula, griseo-fusca; carina peripherica sat acuta, albida, angulus umbilicalis obtusissimus; anfr. 5½, planiusculi, ultimus paulum infra carinam descendens; apertura diagonalis, subcirculari-trapezoidea; peristoma undique brevissime expansum, crassiusculum, pallide roseum vel albidum, angulo basali plane obsoleto, peripherico (carinali) paulum magis distincto. — Diam. maj. 15½—19, min. 14—16½, alt. 8—9½; long. apert. 7½—8, lat. 7—8 mill.» (v. M.)

2642. **H. Sumatrana Martens.**

«Testa late umbilicata, depressa, supra brevissime conoidea, infra subaequaliter convexa, striatula, nitidula, griseofusca; carina peripherica obtusa, angulus umbilicalis antrorsum obsolescens; spira depressa; anfr. 5, vix convexiusculi, ultimus infra carinam descendens; apertura diagonalis, rotundato-lunata; peristoma tenue album, margine supero vix, basali breviter, columellari latiuscule expanso. — Diam. maj. 13, min. 11, alt. 7; apert. long. 6, lat.  $5\frac{1}{2}$ —6 mill.» (v. M. — Coll. Nr. 1304.)

Var. *Moussoniana*: «testa latissime et perspective umbilicata, depresso conica, confertim arcuato-striata, lardeo-nitens, pallide brunnea; carina peripherica distincta, solum ad aperturam obsolescens; angulus umbilicalis parum distinctus; spira sat elata; anfr. 6, convexiusculi, ultimus infra sat convexus; apertura valde obliqua, quadrato-rotundata; peristoma album, breviter expansum, margine columellari modice obliquo, cum basali angulum distinctum efficiente. — Diam. maj. 12, min. 11, alt. 8; apert. long. 5, alt. 5 mill.» (v. Mart. Ostas. p. 266.)

*Helix Sumatrana* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864.  
p. 523; (Plectotropis) Ostas. Zool. II.  
p. 266. t. 13. f. 13.

Habitat in insula Sumatra (ad montem Serillo et prope Kepahiang); var. prope Wonosari in parte orientali insulae Javae.

Obs. «Affinis *H. rotatoriae* et *Winterianae* Pfr.»

2643. **H. squamulosa Mousson. †**

«Testa latiuscule umbilicata, lenticularis, confertim arcuato-striata, epidermide fusca in *lacinias angustas* striis parallele dispositas squamaeformes elevata; carina peripherica compressa usque ad aperturam persistens; angulus umbilicalis distinctus; spira breviter conica; anfr. 6, subplani, ultimus infra vix magis convexus, quam supra, antice deflexus; apertura sat obliqua, quadrato-rotundata; peristoma breviter expansum, album, margine columellari subverticali, cum basali angulum distinctum efficiente. — Diam. maj. 12, min.  $10\frac{1}{2}$ , alt. 6; apert. long. 5, alt. 5 mill.» (v. M.)

*Helix squamulosa* Mouss. mss.; (Plectotropis) Mart. Ostas. Zool. II. p. 266.

Habitat in insula Madura prope Javam.

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2644. (1955.) **tapeina Bens.** (Coll. Nr. 1305.) India orientalis.  
(III. 254.)

2645. **H. ciliosa Pfr.**

T. umbilicata, depressa, tenuiuscula, carinata, striatula et pilis brevissimis obsita, diaphana, fusca; spira brevissime conoidea; anfr. fere 6 convexiusculi, lente accrescentes, ultimus carina distinctius ciliata munitus, circa umbilicum latum ( $\frac{1}{3}$  diametri aequantem) subcompresso-inflatus; apertura fere diagonalis, rotundato-lunaris; perist. tenue, breviter expansum, marginibus convergentibus, columellari superne subdilatato. — Diam. maj. 40, min.  $8\frac{1}{3}$ , alt. 4 mill. (Mus. Cuming.)

*Helix ciliosa* Pfr. in Proc. Zool. Soc. 1859. p. 25. t. 43. f. 8.  
(Malak. Bl. 1859. p. 31.)

— — (Plectotropis) Mart. Ostas. Zool. II. p. 18. 43.

Habitat in China septentrionali (Fortune); Japonia (A. Adams).

2646. **H. Oldhami Benson. †**

«Testa late umbilicata, orbiculato-depressa, tenui, oblique irregulariter flexuoso-striata, cornea (?), spira vix elevata, vel depressissime conoidea, apice exsertiusculo, obtuso, sutura impressa; anfractibus  $6\frac{1}{2}$  lente crescentibus, planulatis, ultimo antice breviter rapide descendente, superne obtuse carinato, subtus convexo, circa umbilicum profundum perspectivum angulato; apertura obliqua, subcirculari, peristomate expansiusculo, marginibus conniventibus, approximatis. — Diam. maj. 43, min. 44, axis 6 mill.» (B.)

*Helix Oldhami* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 185. (Malak. Bl. 1859. p. 31.)

— — (Aegista) Mart. in Alb. Helic. ed. II. p. 122.

Habitat in regno Birmano.

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2647. (1956.) **orientalis Gray. †** — India orientalis? (l. 397.)

2648. **H. Urarensis Cox. †**

«Hel. testa late et perspective umbilicata, depresso-circulari, tenui, nitida, epidermide flavo-cornea induta, creberrime et irregulariter elevato-striata, supra crasse, infra tenuiter; spira vix prominente, apice depressa; anfractibus  $4\frac{1}{2}$  gradatim increscentibus, modice convexis, ultimo carinato; apertura obliqua, lunato-circulari; peristomate tenui, modice expanso, et ad columellam dilatato. — Diam. maj. 0,30, min. 0,25, alt. 0,45 unc.» (C.)

*Helix Urarensis* Cox in Proc. Zool. Soc. 1865. p. 696; Journ. Conch. XIV. 1866. p. 46.

Habitat «Urara, Clarence River» Australiae.



## §. 123.

2649. (1957.) **labyrinthus Chemn.** — Labyrinthus A<sup>2</sup>. 154. — Nova Granada. (I. 397.)

2650. (1958.) **annulifera Pfr.** — Labyrinthus A<sup>2</sup>. 154. — Panama. (III. 255.)

2651. **H. Raimondii Philippi.** †

«H. testa umbilicata, orbiculari, acute carinata, utrinque aequae convexa, castanea, striata, striis granulatis; anfractibus 5, ultimo antice deflexo, ante labrum constricto, basi scrobiculato; apertura subhorizontali, ringente, piriformi; peristomate reflexo, incrassato, continuo, *basali tridentato*; palato lamella obliqua elevata, a labio disjuncta ornato; *canali ad carinam nullo*. — Diam. maj. fere 45, min. 39½, alt. 15 mill.» (Ph.)

*Helix Raimondii Phil.* in Malak. Bl. XIV. 1867. p. 65.

— — *Pfr.* Novit. conch. Fasc. XXVII. p. 329. Nr. 446. t. 79. f. 7—9.

Habitat inter S. Catalina et Yanayaco in prov. Loreto Peruviae (Raimondi).

Obs. «Similis *H. plicatae Born*, sed differt defectu canalis in apertura carinae respondentis, unde ea pars peristomatis rotundata fit; lamina palati a peristomate bene disjuncta; dente exteriori peristomatis basalis maximo, bifido. Vix striae transversae statui possunt, superficies potius irregulariter punctato-granulata est.» (Ph.)

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2652. (1959.) **plicata Born.** (Coll. Nr. 1306.) *H. labyrinthus var. A<sup>2</sup>*. 154. — *Labyrinthus plicatus Mörch* in Journ. Conch. XIII. p. 381. — Panama, Porto Cabello. (398.)

2653. (1960.) **furcillata Hupé.** — Labyrinthus A<sup>2</sup>. 155. — *Hupé* in Casteln. exp. Moll. p. 18. t. 3. f. 4. — *H. erecta Pfr.* olim. — Peruvia. (IV. 304.)

2654. (1961.) **bifurcata Desh.** (Coll. Nr. 1307.) *Drouët* Moll. Guyan. p. 52. — Labyrinthus A<sup>2</sup>. 154. — *H. plicata Fér.* — Nova Granada. (III. 255. IV. 305.)

2655. **H. Tarapotonensis Moricand.** †

«H. testa profunde et late umbilicata, sublentiformis, solida, oblique striata minutissime et irregulariter granulata, castanea; spira obtusa; sutura impressa; anfr. 5 subplaniusculi, ultimus obtuse carinatus, antice deflexus; apertura perobliqua, auriformis. Perist. continuum, album, subincrassatum, lamella margine parietali erecta; dextro rotundatum, basali medio subangulatim descendens, parte dextra dentibus 2 munitum altera simplex, acuta; altera bifida, alba. — Diam. maj. 34, min. 28, alt. 12 mill.» (M.)

*Helix Tarapotonensis* Moric. in Rev. et Mag. Zool. 1858. p. 450.  
t. 13. f. 2.

— *bifurcata*  $\beta$  Pfr. Mon. Helic. IV. p. 305.?

Habitat Tarapoto in Andibus Peruanis.

Obs. Nonne *H. bifurcatae* nimis affinis? (Pfr.)

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- 2656. (1962.) **Bogotensis** Pfr. — Labyrinthus A<sup>2</sup>. 155. — Santa Fe de Bogota. (IV. 305.)
- 2657. (1963.) **otostoma** Pfr. — Labyrinthus A<sup>2</sup>. 155. — Nova Granada. (III. 255.)
- 2658. (1964.) **Leprieuri** Petit. — Drouët Moll. Guyan. p. 53. — Labyrinthus A<sup>2</sup>. 155. — Guyana. (I. 400. III. 256.)
- 2659. (1965.) **auriculina** Petit. (Coll. Nr. 1308.) Drouët Moll. Guyan. p. 53. — Labyrinthus A<sup>2</sup>. 155. — Guyana. (I. 400.)
- 2660. (1966.) **uncigera** Petit. — Labyrinthus A<sup>2</sup>. 154. — Panama. (I. 398.)
- 2661. (1967.) **Yatesi** Pfr. (Coll. Nr. 1309.) Labyrinthus A<sup>2</sup>. 154. — Brasilia. (IV. 306.)
- 2662. (1968.) **Dunkeri** Pfr. (Coll. Nr. 1310.) Labyrinthus A<sup>2</sup>. 155. — Nova Granada. (III. 256.)
- 2663. (1969.) **leucodon** Pfr. (Coll. Nr. 1311.) Labyrinthus A<sup>2</sup>. 155. — Venezuela. (I. 399.)
- 2664. (1970.) **isodon** Pfr. — Labyrinthus A<sup>2</sup>. 155. — Columbia. (III. 257.)
- 2665. (1971.) **quadridentata** Brod. — Labyrinthus A<sup>2</sup>. 155. — America centralis. (I. 399.)
- 2666. (1972.) **ellipsostoma** Pfr. — Labyrinthus A<sup>2</sup>. 155. — Santa Fe de Bogota. (IV. 307.)
- 2667. (1973.) **Tamsiana** Dunk. (Coll. Nr. 1312.) Labyrinthus A<sup>2</sup>. 155. — Venezuela. (I. 399.)

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- 2668. (1974.) **procera** Pfr. — Isomeria A<sup>2</sup>. 155. — Columbia. (IV. 308.)
- 2669. (1975.) **Oreas** Koch. (Coll. Nr. 1313.) Isomeria A<sup>2</sup>. 155. — Nova Granada. (I. 400.)
- 2670. (1976.) **Faunus** Phil. — Isomeria A<sup>2</sup>. 155. — Santa Fe de Bogota. (III. 257.)
- 2671. (1977.) **atrata** Pfr. (Coll. Nr. 1314.) Isomeria A<sup>2</sup>. 155. — Respubl. Aequatoris. (III. 258.)
- 2672. (1978.) **continua** Pfr. — Isomeria A<sup>2</sup>. 155. — Columbia. (IV. 308.)
- 2673. (1979.) **triodonta** Orb. — Reeve sp. 1473. t. 208. — Isomeria A<sup>2</sup>. 155. — Columbia. (I. 401. IV. 309.)
- 2674. (1980.) **subcastanea** Pfr. — Isomeria A<sup>2</sup>. 155. — *Carocolla globosa* Brod. — Columbia. (I. 401.)
- 2675. (1981.) **Hartwegi** Pfr. — Isomeria A<sup>2</sup>. 155. — Respublica Aequatoris. (I. 403.)

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#### 2676. **H. trisinuata** Martens.

«Testa anguste umbilicata, obtuse angulata, subdepressa, tuberculis verrucaeformibus in series obliquas antrorsum

descendentes dispositis sculpta, basi laeviuscula, pallide rufo-brunnea; spira prominula, anfr.  $4\frac{1}{2}$ , sutura mediocri divisi, ultimus basi gibbose inflatus, antice solutus et deflexus, a solutione ad peristoma superne carinatus; apertura valde obliqua, triangularis, trisinuata; peristoma continuum, reflexum, album, quadridentatum, dente uno in margine parietali, uno in basali, duobus (supero minore) in margine externo, omnibus scrobiculos in facie externa pone peristoma efficientibus. — Diam. maj. 18, min. 14, alt.  $9\frac{1}{2}$ ; apert. long. et lat. 7 mill.» (v. M.)

*Helix trisinuata* Mart. Ostas. Zool. II. p. 50.

Habitat prope Hongkong (Friedel).

Obs. Quodammodo affinis *H. horridae* Pfr., spira elata, umbilico angustiore, carina et dentium numero valde discrepans.

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2677. (1982.) **fuscolabris** Ad. (Coll. Nr. 1315.) *H. lucerna* var. A<sup>2</sup>. 152. — Jamaica. (III. 258.)
2678. (1983.) **anomala** Pfr. (Coll. Nr. 1316.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (III. 258.)
2679. (1984.) **pallescent** Shuttl. — Pleurodonta A<sup>2</sup>. 153. — Jamaica. (IV. 309.)
2680. (1985.) **sinuosa** Fér. (Coll. Nr. 1317.) Pleurodonta A<sup>2</sup>. 153. — *H. consanguinea* Ad. — Jamaica. (III. 259.)
2681. (1986.) **soror** Fér. (Coll. Nr. 1318.) Pleurodonta A<sup>2</sup>. 153. — Jamaica. (I. 401.)
2682. (1987.) **Schröteriana** Pfr. (Coll. Nr. 1319.) Pleurodonta A<sup>2</sup>. 153. — Excludatur icon Reeve t. 50. f. 236 (vid. Nr. 2071: *H. Sloaneana* Shuttl.) — β. *H. Chittyana* Ad. — Pleurodonta A<sup>2</sup>. 153. — Jamaica. (I. 402.)
2683. (1988.) **tridentina** Fér. (Coll. Nr. 1320.) Pleurodonta A<sup>2</sup>. 153. — *H. Swainsoniana* Ad. — Jamaica. (I. 382.)

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2684. (1989.) **Listeri** Gray. (Coll. Nr. 1321.) Obba A<sup>2</sup>. 159. — Ins. Philippin. (I. 402.)
2685. (1990.) **rota** Brod. (Coll. Nr. 1322.) Obba A<sup>2</sup>. 159. — *Obba rota* Mörch in Journ. Conch. XIII. p. 384. — Philippin. (I. 403.)
2686. (1991.) **scrobiculata** Pfr. (Coll. Nr. 1323.) Obba A<sup>2</sup>. 159. — Philippin. (I. 403.)

#### 2687. **H. Livesayi** Pfr.

T. umbilicata, lenticularis, carinata, solidiuscula, capillaceo-striata et striis spiralibus obsolete granulata, sericea, corneo-albida, fasciis castaneis superne 2, basi unica ornata; spira conoidea, obtusa; sutura albomarginata; anfr. 5 convexusculi, ultimus carina acuta, prominente, alba munitus, versus aperturam superne convexior, inde angustatus, subito de-

flexus, subtus scrobiculatus; apertura fere horizontalis, transverse subrhombeo-ovalis; perist. continuum, album, expansum et reflexum, margine basali intus valide unidentato, tum umbilicum angustum semitegente. — Diam. maj. 25, min. 21, alt. 10 mill. (Coll. Nr. 1324.)

*Helix Livesayi* Pfr. in Proc. Zool. Soc. 1860. p. 134. (Malak. Bl. 1860. p. 239.)

Habitat in insulis Philippinis.

Obs. Sculptura bene distinguenda a proxime affini *H. scrobiculata*.

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2688. (1992.) **basidentata** Pfr. — Ins. Philippin. (IV. 310.)

#### §. 124.

2689. (1993.) **Chinensis** Phil. (Coll. Nr. 1325.) Aegista A<sup>2</sup>. 122. — Mart. Ostas. Zool. II. p. 43. — China. (I. 405.)

2690. (1994.) **oculus** Pfr. (Coll. Nr. 1326.) Aegista A<sup>2</sup>. 122. — *H. Typinsana* Ad. et Reeve. — Ins. maris Chinensis. — Var.? *H. vermis* Reeve. (III. 260.)

#### 2691. **H. Friedeliana** Martens. †

«Testa late et profunde umbilicata, conoideo-depressa, oblique leviter striata, olivaceo-brunnea, concolor; spira prominula, anfr.  $5\frac{1}{2}$ , vix convexiusculi, ultimus subtus paulo magis convexus, subangulatus, antice deflexus; apertura valde obliqua, subovata; peristoma leviter incrassatum, expansum, album, marginibus conniventibus. — Diam. maj. 18, min. 15, alt. 10; apert. long. et lat. 8 mill.» (v. M.)

*Helix Friedeliana* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864. p. 523.

— — (Aegista) Mart. Ostas. Zool. II. p. 19. t. 14. f. 10.

Habitat prope Nangasaki (Dr. C. Friedel).

#### 2692. **H. Cyclaspis** Benson. †

«Testa sinistrorsa, late umbilicata, lenticulari - depressa, laevigata, superne demum oblique rugata, fuscescente; spira depressa conoidea, apice obtuso, sutura marginata; anfractibus  $7\frac{1}{2}$  lente crescentibus, superne planulatis, ultimo non descendente, acute carinato, carina compressiuscula, basi convexa, circa umbilicum profundum perspectivum subangulata; apertura perobliqua, rotundato-lunari, peristomate expanso, reflexo, superne prope carinam prominente, angulato, marginibus lamina valde elevata lamellam breviter intrantem emittente junctis. — Diam. maj. 18, min. 16, axis  $6\frac{1}{2}$  mill.» (B.)

*Helix Catinus* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 185. Non *Pfr.* (Malak. Bl. 1859. p. 32.)

— *Cyclaspis* Bens. ibid. (Apr.) p. 273.

— — (Plectopylis) Bens. ibid. 3d. ser. V. (Apr. 1860.) p. 245.

Habitat prope Moulmein provinciae Tenasserim.

Obs. Descriptioni addatur (ex Bens. 1860): «testa . . . superne oblique rugoso-plicata, subtus laeviore, umbilicum versus spiraliter striata, superne albida, castaneo-strigata et variegata, subtus fusco-castanea, umbilicum versus albida. Janua pliciformi fauciali prima remota, lamina 4 parietali magna oblique subbifurcata, antice lamellam unicam inferiorem brevem emittente, plica 1 basali spirali; plicis 3 palatalibus superioribus fortibus elongatis sinuosis, 4 basali intransitibus, lamina 4 obliqua satis magna intersita.»

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2693. (1995.) **helicycloides Orb.** (Coll. Nr. 1327.) Ophiogyræ A<sup>2</sup>. 94. — Columbia. (I. 406. IV. 310.)

2694. (1996.) **systropha Alb.** (Coll. Nr. 1328.) Ophiogyræ A<sup>2</sup>. 94. — Columbia. (IV. 311.)

2695. (1997.) **stenostrepta Pfr.** (Coll. Nr. 1329.) Ophiogyræ A<sup>2</sup>. 94. — Tarapoto Peruviae. (IV. 311.)

### §. 125.

2696. (1998.) **circulus Pfr.** (Coll. Nr. 1330.) Aegista A<sup>2</sup>. 122. — Loo Choo. (I. 405.)

2697. (1999.) **scepasma Pfr.** — Dorcasia A<sup>2</sup>. 107. — Habitat? (IV. 314.)

2698. (2000.) **Lusitanica Pfr.** (Coll. Nr. 1331.) Gonostoma A<sup>2</sup>. 92. — Lusitania. (I. 414.)

2699. (2001.) **bulbina Desh.** † — *Binn.* Terr. Moll. IV. p. 115. t. 79. f. 10. (ex Desh.) — America borealis. (III. 261.)

2700. (2002.) **gyria Roth.** — Gonostoma A<sup>2</sup>. 92. — Caria, Lycia. (I. 414. III. 261.)

2701. (2003.) **angigyra Ziegl.** (Coll. Nr. 1332.) *Stabile* Prosp. moll. Lugan. p. 22. 51. — Gonostoma A<sup>2</sup>. 92. — *H. Stentzii* Partsch. — Italia borealis. (I. 414.)

2702. (2004.) **Corcyrensis Partsch.** (Coll. Nr. 1333.) Gonostoma A<sup>2</sup>. 92. — *Mouss.* Coq. Schläfli I. p. 7. 20 (e Corfu et Cefalonia), p. 30 (ex Epiro). — *Pfr.* in Malak. Bl. 1865. p. 103 (e Dobrudscha). — *H. contorta* et *tersa* Zgl. — Var.: *H. canalifera* Ant. — Var. minor: *H. girva* Friv. (*ambliostoma* Parr.) (I. 415.) (2005. *canalifera* Ant. praecedenti iungatur.)

2703. **H. barbata Férussac.**

T. subobtectè umbilicata, depressa, tenuiuscula, superne costulato-striata, brevipilosa, corneo-fusca; spira vix elevata; anfr. 6 parum convexi, lente accrescentes, ultimus superne

obsolete angulatus, antice breviter descendens, basi convexus, subtiliter radiato-striatus; apertura diagonalis, subauriformis; perist. subalbolabiatum, marginibus remotis, supero anguste expanso, basali reflexo, antrorsum flexuoso, ad umbilicum dilatato, eum interdum fere claudente. — Diam. maj. 13, min. 11, alt. 5 mill. (Coll. Nr. 1334.)

*Helix barbata* Fér. Hist. t. 66. f. 3! Non f. 4.

— — Mouss. Coq. Schläfli I. 1859. p. 32.

— — Pfr. in Malak. Bl. XII. 1865. p. 103.

Habitat Candia (Schwerzenbach apud Mousson); Balkan (Fridvaldszky, qui nomine *H. contortae* specimina communicavit).

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2704. (2006.) **Tarnieri Mor.** † — Tarifa, Tingis. (IV. 312.)

### §. 126.

2705. (2007.) **Columbiana Lea.** (Coll. Nr. 1335.) *H. labiosa* Gould. Conf. W. G. Binn. Terr. Moll. IV. p. 16. — Mesodon A<sup>2</sup>. 99 (et *labiosa* ibid. p. 99). (I. 343.)

(2008. *labiosa* Gould præcedenti injungatur.)

### §. 126 a.

2706. **H. revoluta Pfr.**

T. sinistrorsa, umbilicata, conoideo-depressa, carinata, solida, oblique rugoso-striata, fusco-cornea, albido-marmorata; spira breviter conoidea; sutura filomarginata; anfr. 6½ vix convexiusculi, lente accrescentes, ultimus acute carinatus, antice vix deflexus, basi circa umbilicum latiusculum tumidior; apertura perobliqua, semicircularis, lamina erecta parietali bipartita; perist. crassum, album, reflexum, marginibus lamina alta elevata subjunctis, externo flexuoso, ad insertionem sinuato, basali perarcuato. — Diam. maj. 18, min. 15½, alt. 7½ mill. (Mus. Cuming.)

*Helix revoluta* Pfr. in Proc. Zool. Soc. 1865. (omiss.) Malak. Bl. XIV. 1867. p. 64.

Habitat in insulis Andamanicis.

### §. 127.

2707. (2009.) **thyroidus Say.** (Coll. Nr. 1336.) *H. thyroides* Binn. Terr. Moll. IV. p. 53. — Lehm. in Malak. Bl. XI. 1864. p. 44. t. 1. f. 4. (Anat.) — *H. thyreoides* (Mesodon) A<sup>2</sup>. 99. — *Tridopsis thyreoides* Mörch in Journ. Conch. XIII. p. 387. — America borealis. (I. 345: *thyroides*.)

(2010. *Baskervillei* Pfr. vid. seq.)



2708. (2011.) **devia Gould.** — *Binn. Terr. Moll.* III. p. 44; IV. p. 47. t. 79. f. 43. — *H. Baskervillei* Pfr. *Mon.* III. p. 230. — Vancouver Island. (I. 383.)

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2709. (2012.) **plectostoma Bens.** (Coll. Nr. 4337.) *Plectopylis* Bens. in *Ann. and Mag. n. h.* 3d. ser. V. (Apr. 1860) p. 247. Descriptioni addatur: «Janua pliciformi fauciali prima minime profunda, ab apertura partim apparente; lamina 4 parietali verticali simplici, lamellis nullis munita; plica basali brevi; plicis sex palatalibus, superiore basalique simplicibus, secunda vix duplicata, tertia, quarta quintaque postice plica obliqua munitis. — Habitat Darjiling et in montibus Khasia dictis.» (Bens. l. c.) (I. 445.)

2710. **H. Pinacis Benson. †**

«Testa sinistrorsa, late umbilicata, orbiculato - depressa, superne oblique scabre plicato-striata, liris confertis spiralibus, subtus striis obliquis flexuosis striisque spiralibus decussata, cornea, epidermide fusca, scabra (junioris ad carinam praesertim hispida) induta; spira planata, vix elevatiuscula, apice planato, sutura leviter impressa; anfractibus  $7\frac{1}{2}$  planulatis, lente et arcte accrescentibus, ultimo antice breviter descendente, superne subcarinato, subtus valde convexo, circa umbilicum profundum, perspectivum, conicum, compressiusculo; apertura valde obliqua, lunari, peristomate expansiusculo, reflexo, albido, marginibus callo brevi, laminari, elevatiusculo, sinuato junctis. — Diam. maj. 44, min.  $42\frac{1}{2}$ , axis  $4\frac{1}{2}$  mill.» (B.)

*Helix Pinacis* Bens. in *Ann. and Mag. n. h.* 3d. ser. III. (Apr. 1859.) p. 268. (Malak. Bl. 1859. p. 32.)

— — (Plectopylis) Bens. *ibid.* V. (Apr. 1860.) p. 247.

Habitat in regione Sikkim in valle Rungun, nec non prope Pankabari.

Obs. Descriptioni addatur: «Janua pliciformi fauciali prima profundiuscula, ab apertura vix apparente. Lamina et plica basali ut in *H. plectostoma*, plica basali nonnunquam obsoleta; plicis sex palatalibus, prima et secunda supernis plus minusve simplicibus, tertia vix duplicata, quarta, quinta basalique duplicatis, hujus plica secunda ad latus concurrente, nec postica.» (Bens. 1860.)

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2711. (2013.) **labyrinthica Say.** (Coll. Nr. 4338.) *Binn. Terr. Moll.* IV. p. 95. — *Hyalina labyrinthica* (Gastrodonta) A<sup>2</sup>. 74. — *Strobila labyrinthica* Morse in *Journ. Portl. soc.* 1864. — America borealis. (I. 446.)

## §. 428.

2712. (2014.) **paludosa Pfr.** (Coll. Nr. 1339.) Malak. Bl. 1859. p. 91.  
 — Polygyra A<sup>2</sup>. 95. — *H. lingulata Fér., Ramonis Orb., Bardenflehtii Villa.* — Cuba. (I. 410.)
2713. (2015.) **microdonta Desh.** (Coll. Nr. 1340.) Binn. Terr. Moll. IV. p. 91. t. 78. f. 23. — *H. plana Dunk., delitescens Shuttl.* mss. — *H. microdonta et delitescens* (Polygyra) A<sup>2</sup>. 95. — Conf. Bland in Ann. Lyc. N.-York VII. p. 133. 140. (Synon. *H. cheilodon Say* mss.) — Ins. Bermud., Texas. (I. 409.)

2714. **H. Carpenteriana Bland.** †

«T. umbilicata, orbiculata, cornea vel pallide rufescente, superne plana, oblique et argute costulata, subtus convexa, leviter striata, nitida, maculis opacis, indistinctis, saepe ornata; sutura valde impressa; anfr.  $5\frac{1}{2}$ — $6\frac{1}{2}$ , ultimo ad peripheriam superne subangulato, ad aperturam breviter sed subito deflexo, gibbosulo, scrobiculato-constricto, pone aperturam tumido, costulato, basi dilatato, lamina interna alba in pariete columellari, pone aperturae insertionem sita; apertura perobliqua, lunari; perist. intus calloso, incrassato, reflexiusculo, marginibus lamella dentiformi triangulari junctis. — Diam. maj. 7—10, min. 6—9, alt. 3—4 mill.» (B.)

*Helix Carpenteriana Bland* in Ann. Lyc. N.-York VII. 1860. p. 138.

— *microdonta Pfr.* Mon. Hel. I. p. 499 ex parte?

Habitat in Florida.

2715. **H. cereolus Mühlfeldt.**

T. umbilicata, subdiscoidea, solidula, oblique striata, albida vel pallide cornea; spira plana vel leviter conoideo-elevata; anfr. 7—8, superne subregulariter lente accrescentes, vix convexiusculi, subtus latitudine inaequales, convexiores, laeviores, plerumque 4 in eodem plano *umbilicum angustum* cingentes, ultimus vix descendens, superne *obtusè angulatus*; apertura diagonalis, reniformis; perist. *incrassatum*, labiatum, angulatim reflexum, marginibus tuberculo triangulari junctis. — Diam. maj. 9— $14\frac{1}{2}$ , min. 8— $12\frac{1}{2}$ , alt.  $2\frac{1}{2}$ —4 mill. (Coll. Nr. 1341.)

*Helix cereolus Mühlf.* in Mag. nat. Fr. Berl. VIII. 1818. p. 11. t. 2. f. 18.

— — *Binn. Terr. Moll. IV. t. 77. f. 23 ex Mühlf.*

— — *Bland* in Ann. Lyc. N.-York VII. p. 137. f. 2. Conf. *Pfr.* in Malak. Bl. 1862. p. 24.

Habitat in Florida orientali et meridionali.

2716. **Helix septemvolva Say.**

T. umbilicata, subdiscoidea, solidula, superne oblique costulata, griseo-cornea vel cornea; spira plana vel leviter elevata, saepe medio vel lateraliter immersa; anfr. 7 —  $8\frac{1}{2}$ , superne vix convexiusculi, penultimus saepe subobtectus, ultimus superne acute carinatus, non descendens, omnes subtus inflati, irregulares, sublaevigati, 3 exteriores plerumque in eodem plano umbilicum latiusculum infundibuliformem cingentes; apertura subdiagonalis, reniformis; perist. tenuiusculum, leviter labiatum, angulatim reflexum, marginibus lamina subelevata dentifera junctis. — Diam. maj.  $7\frac{1}{2}$  — 14, min.  $6\frac{1}{2}$  —  $12\frac{1}{2}$ , alt.  $2\frac{1}{2}$  —  $3\frac{1}{2}$  mill. (Coll. Nr. 1342.)

*Polygyra septemvolva* Say in Journ. Ac. Philad. I. P. 2. 1818. p. 278. Conf. Say's descriptions ed. W. G. Binn. 1856. p. 11.

*Helix septemvolva* Fér. Hist. t. 51. f. 6. (Desh. I. p. 5.)

— — Wood Suppl. 1828. t. 7. f. 14.

— — Binn. in Bost. Journ. III. 1841. p. 391. t. 19. f. 4; Terr. Moll. II. p. 196. t. 38.

— — Bland in Ann. Lyc. N.-York VII. p. 132. p. 137. f. 1. Conf. Pfr. in Malak. Bl. 1862. p. 24.

— *planorbula* Lam. Nr. 86. p. 89. Ed. Desh. p. 67.

— — Deless. Recueil t. 26. f. 3.

— *cereolus* Pfr. Mon. Hel. I. p. 408; IV. p. 313. Nr. 2016 et in Chemn. ed. II. p. 378. Nr. 392. t. 66. f. 1 — 3.

— — Reeve Conch. ic. sp. 698. t. 119.

— — (Ulostoma) Alb. Helic. p. 95.

— — (Polygyra) Mart. in Alb. Helic. ed. II. p. 95.

Habitat in Florida, Georgia, Alabama.

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2717. (2017.) **volvaxis Parr.** (Coll. Nr. 1343.) Polygyra A<sup>2</sup>. 95. — Binn. Terr. Moll. IV. p. 92. t. 78. f. 17. — Bland in Ann. Lyc. N.-York VII. p. 136. — An praecedentis var.? — Georgia, Florida. (I. 409.)

## §. 129.

2718. (2018.) **Sayi Binn.** (Coll. Nr. 1344.) Binn. Terr. Moll. IV. p. 70. — Mesodon A<sup>2</sup>. 99. — *H. diodonta* Say. — *Tridopsis Sayi* Mörch in Journ. Conch. XIII. p. 388. — Pennsylvania. (I. 382.)

2719. (2019.) **tridentata Say.** (Coll. Nr. 1345.) Binn. Terr. Moll. IV. p. 70. — *Tridopsis* A<sup>2</sup>. 98. — *Tridopsis tridentata* Mörch in Journ. Conch. XIII. p. 388. — Kentucky. (I. 412.)

2720. (2020.) **fallax Say.** (Coll. Nr. 1346.) Binn. Terr. Moll. IV. p. 71. (t. 28.) — *Tridopsis* A<sup>2</sup>. 98. — America bor. (I. 412.)

2721. (2021.) **Hopetonensis Shuttl.** (Coll. Nr. 1347.) *Binn. Terr. Moll.* IV. p. 72. t. 77. f. 16. — *Triodopsis* A<sup>2</sup>. 97. — Georgia, Florida. (III. 263.)
2722. (2022.) **helictomphala Pfr.** (Coll. Nr. 1348.) *Polygyra* A<sup>2</sup>. 95. — Mexico. (IV. 314.)

2723. **H. plagioglossa Pfr.**

T. anguste et pervie umbilicata, conoideo-semiglobosa, solida, arcuato-striata, fulvo-cornea; spira conoidea; anfr.  $5\frac{1}{2}$  planiusculi, ultimus antice descendens, subtus valde constrictus, basi convexior; apertura magna, diagonalis, rotundato-lunaris; paries aperturalis dente obliquo linguaeformi munitus; perist. albo-callosum, margine supero expanso, basali reflexo, bidentato: dentibus approximatis, sinistro parvulo, nodiformi, altero majore, sursum producto. — Diam. maj.  $12\frac{1}{3}$ , min. 11, alt. 7 mill. (Mus. Cuming.)

*Helix plagioglossa Pfr.* in *Proc. Zool. Soc.* 1859. p. 26. t. 43. f. 3. (Malak. Bl. 1859. p. 33.)

Habitat prope Oajaca reipublicae mexicanae (Sallé).

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2724. (2023.) **Yucatanea Morel.** † — *Triodopsis* A<sup>2</sup>. 98. — Yucatan. (III. 263.)
2725. (2024.) **vultuosa Gould.** (Coll. Nr. 1349.) *Binn. Terr. Moll.* IV. p. 75. — *Bland* in *Ann. Lyc. N.-York* VII. p. 439. t. 4. f. 21. — *Triodopsis* A<sup>2</sup>. 97. — Arkansas, Texas. (III. 263.)

2726. **H. introferens Bland.** †

«T. umbilicata, depresso-globosa, tenuiuscula, costulato-striata, corneo-lutea; spira convexa; anfr. 6, convexiusculis, ultimo antice vix deflexo, ad aperturam valde constricto, bis-erobiculato, ad peripheriam subangulato, basi convexo, intra umbilicum excavato; apertura obliqua, lunari, dente linguiformi valido, flexuoso, in pariete aperturali intrante coarctata; perist. albo, intus calloso, reflexo, margine dextro dente obtuso introrsum flexo, basali dente lamelliformi submarginali, in medio transversim tuberculato, instructo; dente inferiori intra aperturam producto, tuberculum validum formante. — Diam. maj. 13—15, min. 11—13, alt. 7 mill.» (B.)

*Helix introferens Bland* in *Ann. Lyc. N.-York* VII. 1860. p. 117. t. 4. f. 3. 4.

Habitat in Carolina septentrionali.

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2727. (2025.) **oppilata Morel.** (Coll. Nr. 1350.) *Polygyra* A<sup>2</sup>. 95. — Yucatan. (III. 264. IV. 314.)

2728. **H. implicata Beck.**

«T. umbilicata, depressa, oblique striata, pallide cornea vel albida; spira paulum elevata, anfractus 5, lente accrescentes, convexiusculi, ultimus superne obtuse angulatus, antice valde deflexus, pone aperturam constrictus; umbilicus apertus,  $\frac{1}{3}$  diametri superans; apertura flexuose-diagonalis, sat anguste lunata; peristoma breviter reflexum, margines dente triangulari linguaeformi bicruri in pariete aperturali posito juncti, dentes peristomatis externi duo aequales approximati. — Diam. maj. 8, min.  $7\frac{1}{3}$ , apert. alt. 3, lat. 2 mill.» (v. M.)

*Daedalochila implicata Beck* Ind. moll. p. 21. (Nomen.)

*Helix* (Polygyra) *implicata Mart.* in Malak. Bl. XII. 1865. p. 20.

Habitat prope Veracruz reipublicae mexicanae (Deppe).

Obs. Nonne = *H. oppilata Morel.*?

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2729. (2026.) **Couloni Shuttl.** † — Polygyra A<sup>2</sup>. 95. — Martens in Malak. Bl. XII. p. 22. — Mexico. (III. 264.)

2730. (2027.) **Chiapensis Pfr.** — Polygyra A<sup>2</sup>. 95. — Mexico. (IV. 315.)

2731. (2028.) **bicruris Pfr.** — Polygyra A<sup>2</sup>. 95. — Mexico. (IV. 315.)

2732. (2029.) **Dysoni Shuttl.** (Coll. Nr. 1351.) Triodopsis A<sup>2</sup>. 97. — *H. Dorfeuilleana Pfr.* olim. — Honduras. (IV. 315.)

2733. (2029 a.) **tholus Binn.** † — Binn. in Proc. Ac. Philad. 1857. p. 186 (Pfr. Mon. Hel. IV. p. 351); Terr. Moll. IV. p. 81. t. 78. f. 21. — Texas?

2734. (2030.) **notata Poey.** (Coll. Nr. 1352.) Pfr. Novit. conch. p. 183. Nr. 284. t. 49. f. 6—9. — *H. Johannis Poey*, Pfr. in Malak. Bl. 1858. p. 6. — Cuba. (IV. 316.)

2735. (2031.) **cheilostropha Orb.** — *Helix chilostropha* (Polygyra) A<sup>2</sup>. 95. — Bolivia. (I. 410. IV. 316.)

2736. **H. Reyrei Souverbie.**

T. late umbilicata, depressa, discoidea, conferte costulata, luteo-cornea; spira plana, vertice subtili; anfr. 5 convexiusculi, ultimus peripheria subangulatus, antice transverse gibbosus, tum descendens; apertura diagonalis, reniformis, profunde quadrituberculata; perist. breviter reflexum, marginibus callo angulato, superne dentifero, junctis. — Diam. maj.  $5\frac{1}{2}$ , min.  $4\frac{2}{3}$ , alt.  $4\frac{2}{3}$  mill. (Mus. Cuming.)

*Helix Reyrei Souv.* in Journ. Conch. VII. 1858. p. 65. \*) t. 8. f. 8. (Malak. Bl. 1859. p. 33.)

Habitat Guayaquil.

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\*) «Testa late profundeque umbilicata, subluteo-cornea, subdiscoidea, perdepressa, regulariter oblique subunduloso-costato-striata; spira plana,

2737. (2032.) **Hindsii Pfr.** (Coll. Nr. 1353.) *Binn. Terr. Moll.* IV. p. 92. t. 78. f. 5. 6. 8. — *Polygyra* A<sup>2</sup>. 95. — Mexico, Texas. (I. 416.)  
 2738. (2033.) **loricata Gould.** (Coll. Nr. 1354.) *Binn. Terr. Moll.* IV. p. 14. — *Triodopsis* A<sup>2</sup>. 97. — California. (I. 416.) — β? *H. Lecontii* Lea, *Stenotrema* A<sup>2</sup>. 97.

2739. **H. pustuloides Bland.**

«T. late et perspective umbilicata, planorboidea, tenuiuscula, rufo- vel pallide - cornea, minute striatula; epidermide tenui, pilosiuscula; spira vix elevata; anfr. 4—4½, convexiusculis, lente accrescentibus, ultimo superne ad peripheriam obtuse angulato, ad aperturam gibboso-constricto, subito deflexo, basi deviante; sutura valde impressa; umbilico lato, ⅓ diam. maj. aequante, omnes anfractus monstrante, praesertim penultimum; apertura obliqua, lunato-circulari; dente erecto, obliquo, albo, lamelliformi, in pariete aperturali munito, callo lineari subarcuato superne ad angulum aperturae juncto; perist. reflexo, roseo, marginibus conniventibus, dentibus duobus sinu disjunctis instructo. — Diam. maj. 5½, min. 4½, alt. 2½ mill.» (Bl. — Coll. Nr. 1355.)

*Helix pustula* *Binn. Terr. Moll.* t. 39. f. 3. Non *Fér.*

— *pustuloides Bland* in *Ann. Lyc. N.-York* VI. (Sept. 1858.) p. 350 cum fig. (*Malak. Bl.* 1859. p. 34.)

— — *Binn. Terr. Moll.* IV. p. 93.

Habitat in Georgia.

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2740. (2034.) **heligmoida Orb.** (Coll. Nr. 1356.) *Ophiogyra* A<sup>2</sup>. 94. — Columbia. (I. 408.)  
 2741. (2035.) **platygyra Alb.** — *Ophiogyra* A<sup>2</sup>. 94. — Columbia. (IV. 317.)  
 2742. (2036.) **Janeirensis Pfr.** — Brasilia. (III. 265.)

2743. **H. Hubbardi Brown.**

«T. umbilicata, depressa, tenui, oblique striatula, basi striis obsoletis, corneo-rufescente; laminis 4, 2 parietalibus, supera prominente, infera lineari, 2 in fundo anfractus ultimi, spira vix elevata; anfr. 4½ — 5, convexis, ultimo antice vix

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medio subdepressa; sutura utrinque impressa; anfractus 5 convexi superne regulariter crescentes, omnes basi conspicui; ultimus reliquis inferne perconspicuus, extus obtuse subcarinatus, inferne subdeflexus, prope aperturam transverse gibbosus; apertura obliqua, semiovalis, antice subprotracta, in fundo quadrituberculata; perist. continuum, subincrassatum, breviter reflexum, marginibus callo valido, dentiformi, triangulari (inferne triquetro impresso) junctis. — Diam. maj. 5, min. 4½, alt. 4½ mill.» (S.)



descendente; umbilico lato; apertura perobliqua, subcircularis; perist. breviter reflexo, simplici. — Diam. maj.  $2\frac{1}{4}$ , alt.  $1\frac{1}{4}$  mill. » (Br. — Coll. Nr. 1357.)

*Helix Hubbardi* A. D. Brown in Proc. Acad. Philad. Oct. 1864.  
p. 333. c. ic. (Malak. Bl. XI. Lit. p. 46.)

Habitat prope Indianola, Texas.

### §. 130.

2744. (2037.) **profunda** Say. (Coll. Nr. 1358.) *Binn. Terr. Moll.* IV. p. 70. — Mesodon A<sup>2</sup>. 99. — *H. Richardi* Fér. — *Tridopsis profunda* Mörch in Journ. Conch. XIII. p. 388. — America bor. (I. 382.)
2745. (2038.) **obvoluta** Müll. (Coll. Nr. 1359.) *Gonostoma* A<sup>2</sup>. 92. — *H. trigonophora* Lam., *bilabiata* Olivi, *holosericea* Gmel. — *Gonostoma obvoluta* Mörch in Journ. Conch. XIII. p. 387. — Europa media. (I. 413.)
2746. (2039.) **holosericea** Stud. (Coll. Nr. 1360.) *Gonostoma* A<sup>2</sup>. 92. — *H. diodonstoma* Bourg. in Rev. et Mag. Zool. 1862. p. 467. — Silesia, Austria, Helvetia. (I. 413.)
2747. (2040.) **diodonta** Mühlf. (Coll. Nr. 1361.) *Gonostoma* A<sup>2</sup>. 92. — Banatus. (I. 411.)
2748. (2041.) **triaria** Friv. (Coll. Nr. 1362.) *Gonostoma* A<sup>2</sup>. 92. — *Bielz* Faun. Siebenb. p. 52. — *H. Ocskayi* Stentz. — Banatus, Transylvania. (I. 411.)

### §. 131.

2749. (2042.) **ventrosula** Pfr. (Coll. Nr. 1363.) *Binn. Terr. Moll.* IV. p. 72. t. 77. f. 14. — *Polygyra* A<sup>2</sup>. 95. — Mexico, Texas. (I. 417.)
2750. (2043.) **auriculata** Say. (Coll. Nr. 1364.) *Binn. Terr. Moll.* IV. p. 73. (t. 40. f. 1.) — *Bland* in Ann. Lyc. N.-York VII. p. 26. — *Polygyra* A<sup>2</sup>. 96. — *Tridopsis auriculata* Mörch in Journ. Conch. XIII. p. 388. — Florida. (I. 417.)
2751. (2044.) **Ariadnae** Pfr. — *Binn. Terr. Moll.* IV. p. 76. t. 78. f. 1. 3. 4. — *Polygyra* A<sup>2</sup>. 95. — *H. Couchiana* Lea in Proc. Ac. Philad. 1857. p. 102 \*) teste W. G. Binn. ibid. 1857. Oct. — *Matamoras reipublicae mexicanae*. (III. 266.)
2752. (2044a.) **Loisa** Binn. † — *Pfr. Mon.* IV. p. 351. — Mexico.
2753. (2045.) **uvulifera** Shuttl. (Coll. Nr. 1365.) *Polygyra* A<sup>2</sup>. 96. — *Binn. Terr. Moll.* IV. p. 75. — *Bland* in Ann. Lyc. N.-York VII. p. 34. — *H. florulifera* Reeve. — Florida. (III. 266.)
2754. (2045a.) **acutedentata** Binn. † — *Pfr. Mon.* IV. p. 352. — Mexico.

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\*) «T. superne paulisper elevata, subplanulata, inferne subinflata; nitida, albida, longitudinaliter et subtiliter striata, minute perforata; anfr. 5; apertura rotundata, quinquedentata; labro subacuto. — Hab. Texas, Berlandier.» (Lea.)

2755. **H. Behrii Gabb. †**

«H. testa *acutedentatae* similis, discoidea, planulata; superne spira maxime depressa, infra umbilicata; anfractibus 5, oblique et transversim costatis; anfr. ultimo ad aperturam valde descendente, constricto; umbilico angusto, profundo; apertura obliqua, tridentata, labro incrassato; colore albo?» (G.)  
— Diam. maj. 17, min.  $13\frac{1}{2}$ , alt. 7 mill. (ex ic.)

*Helix (Polygyra) Behrii Gabb* in *Tryon Amer. journ. Conch.*  
I. Nr. 3 (Jul. 1865.) p. 208. t. 19. f. 5—9.

Habitat prope Guaymas reipublicae mexicanae (Rémond).

2756. **H. auriformis Bland.**

«T. rimato-perforata, superne depressa, costulato-striata, subtus inflato-convexa laeviuscula; alba vel fusco-cornea, tenui, spira brevissima; anfr.  $5\frac{1}{2}$  — 6, planiusculis, ultimo ad aperturam deflexo, breviter disjuncto, constricto, vix scrobiculato; apertura subhorizontali, auriformi, coarctata; perist. acuto, continuo, marginibus plica linguiformi, brevi, intrante junctis; dextro lamella obtusa, submarginali, basali tuberculo dentiformi, obliquo et sinuoso, instructo. — Diam. maj. 9 —  $11\frac{1}{2}$ , min. 8 — 10, alt.  $4\frac{1}{2}$  — 6 mill.» (B. — Coll. Nr. 1366.)

*Helix auriculata Binn.* in *Bost. Journ.* III. t. 19. f. 2.

— — *Desh.* in *Fér. Hist.* t. 50. f. 3.

— *avara Binn.* *Terr. Moll.* t. 40.

— — *Reeve Conch. ic. sp.* 720. t. 121.

— *auriformis Bland* in *Ann. Lyc. N.-York* VII. Jan. 1859.  
p. 37 c. fig.

Habitat Alabama et Texas.

2757. **H. espiloca Ravenel.**

«T. rimato-perforata, superne convexiuscula, subtus convexa, striata, rufescente-cornea, tenui, pilis brevissimis obsita; spira vix elevata; anfr. 5 convexiusculis, ultimo ad aperturam breviter deflexo, disjuncto, scrobiculato-constricto; apertura perobliqua, subreniformi, coarctata; perist. acuto, continuo, marginibus lamella superne excavata, dentem linguiformem emitte-  
tente, junctis; dextro lamella lata uncata, basali dente lamelliformi, erecto, intra aperturam producto et recurvato, instructo.  
— Diam. maj. 7—9, min. 6—8, alt. 3—4 mill.» (B. — Coll. Nr. 1367.)

*Helix espiloca Ravenel* mss.; *Bland* in *Ann. Lyc. N.-York* VII.  
1860. p. 115. t. 4. f. 1. 2.

Habitat in Carolina meridionali.

2758. **H. Postelliana Bland.**

«T. rimato - perforata, superne convexiuscula, costulato-striata, subtus inflato-convexa, laeviuscula, fusco-cornea, tenui, nitida, subpellucida; spira vix elevata; anfr. 5, lente accrescentibus, convexiusculis, ultimo ad aperturam deflexo, disjuncto, scrobiculato-constricto; sutura impressa; apertura alba, obliqua, auriformi, coarctata; perist. acuto, continuo, marginibus plica linguiformi, oblonga, intrante, superne excavata, junctis; dextro lamella uncata profunde immersa, basali dente lamelliformi, erecto, vix obliquo, intra aperturam producto et recurvato, instructo. — Diam. maj.  $9\frac{1}{2}$ , min.  $8\frac{1}{2}$ , alt. 5 mill.» (B. — Coll. Nr. 1368.)

*Helix Postelliana Bland* in Ann. Lyc. N.-York VII. (Jan. 1859)  
p. 35 c. fig.

Habitat in Carolina meridionali.

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2759. (2046.) **Texasiana Moric.** (Coll. Nr. 1369.) Polygyra A<sup>2</sup>. 95.  
— *Binn. Terr. Moll.* IV. p. 79. (Synon. *H. Tamaulipasensis Lea*  
in Proc. Philad. Ac. 1857. p. 102. \*) — *H. triodonta Jan.* —  
Texas. (I. 418.)

2760. **H. triodontoides Bland. †**

«T. perforata, globoso-depressa, tenui, subpellucida, pallide cornea, superne subobsolete costulato-striata, basi convexa, laevigata; spira brevi; anfr. 5 convexiusculis, ultimo prope aperturam plicato, antice deflexo; apertura rotundato - lunari, obliqua, coarctata; perist. reflexo, calloso, marginibus dente linguiformi, acuto, triangulari junctis, dextro dente in margine calli posito, basali dente obliquo munito, ambobus dentibus parvis, inter se remotis. — Diam. maj.  $9\frac{1}{2}$ , min. 8, alt. 5 mill.» (B.)

*Helix triodontoides Bland* in Ann. Lyc. N.-York VII. (1862)  
p. 424. t. 4. f. 11. 12.

— *Texasiana var. Binn. Terr. Moll.* IV. t. 78. f. 18.

Habitat Texas.

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2761. (2047.) **avara Say.** (Coll. Nr. 1370.) Polygyra A<sup>2</sup>. 96. — *Bland*  
in Ann. Lyc. N.-York VII. p. 30. — *Binn. Terr. Moll.* IV. p. 74.  
— Excludatur figura Reeveana. — Louisiana, Florida. (I. 418.)

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\*) «T. superne paulisper elevata, subplanulata, inferne subinflata, nitida, longitudinaliter et subtiliter striata, minute perforata; anfr. 5; apertura lunata, tridentata; labro spissato, reflexo. — Texas.» (Lea.)

2762. (2048β.) **Dorfeuilleana** **Lea**. (Coll. Nr. 4371.) *Bland* in Ann. Lyc. N.-York VI. (Febr. 1858.) p. 294. t. 9. f. 24—26. — *Binn. Terr. Moll. IV.* p. 86. t. 78. f. 2. 44. — Ohio, Cincinnati.
2763. (2048.) **Troostiana** **Lea**. (Coll. Nr. 4372.) *Polygyra* A<sup>2</sup>. 95. — *Bland* in Ann. Lyc. N.-York VI. (Febr. 1858.) p. 288. t. 9. f. 24—23. — *Binn. Terr. Moll. IV.* p. 88. t. 78. f. 41. — *H. fati-giata* *Binn.* olim. — Tennessee. (I. 449.)

2764. **H. Hazardi** **Bland**.

T. longe rimato-perforata, ambitu piriformis, solida, conferte plicata, nitidula, corneo-fusca; spira breviter conoidea; anfr.  $5\frac{1}{2}$  subaequales, ultimus antice deflexus, latere et basi constrictus, inter sulcos protuberantia laevigata munitus, basi convexus; apertura diagonalis, lunato-rotundata, dente parietali bicruri, crasso, antice tricuspidate et plicis 2 profundis marginis dextri fere clausa; perist. fuscum, callosum, reflexum, marginibus callo lineari junctis. — Diam. maj. 7, min. fere 6, alt.  $3\frac{1}{2}$  mill. (Coll. Nr. 4373.)

*Polygyra plicata* *Say* in Journ. Ac. Philad. II. 1824. p. 164.  
(Ed. W. G. *Binn.* 1856. p. 21.)

— *Troostiana* W. G. *Binn.* in Proc. Ac. Philad. 1857. p. 24.

*Helix Hazardi* *Bland* in Ann. Lyc. N.-York VI. (Febr. 1858.) p. 294. t. 9. f. 27—30.

— — *Pfr.* in Malak. Bl. VI. 1859. p. 34.

— — W. G. *Binn.* Terr. Moll. IV. p. 84. t. 78. f. 43.

Habitat Kentucky, Georgia, Tennessee.

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2765. (2050a.) **Mooreana** W. G. **Binn.** (Coll. Nr. 4374.) *Binn.* in Proc. Ac. Philad. 1857. p. 184 (*Pfr.* Mon. Hel. IV. p. 352); Terr. Moll. IV. p. 80. t. 78. f. 24. — Texas. (Specimina a Cl. Auctore benevole mihi communicata, iconi prorsus congrua, non carinata sunt!)

2766. **H. Jacksoni** **Bland**.

T. rimato-perforata, depressa, solidula, superne confertim plicato-striata, nitida, cornea; spira brevissime conoidea, vertice subtili; sutura canaliculata; anfr.  $5\frac{1}{2}$  convexiusculi, lente accrescentes, ultimus supra medium obsolete angulatus, basi convexus, laevior, antice arcuatim cicatricoso-sulcatus, breviter deflexus; apertura obliqua, subsemicircularis, dentibus fere clausa; perist. angulatim reflexum, callosum, marginibus dente valido bicruri, intrante junctis, basali dentem validum, oblique transversum gerente. — Diam. maj.  $7\frac{1}{2}$ , min.  $6\frac{1}{3}$ , alt.  $3\frac{1}{2}$  mill. (Coll. Nr. 4375.)

*Helix Jacksoni* Bland in Tryon Amer. journ. Conch. II. 1866.  
Habitat « Fort Gibson, Cherokee terr. » Statuum Unitorum.

2767. **H. anilis Gabb. †**

« H. testa orbiculata; superne vix depressa; infra minute umbilicata; anfractibus 4—4½; anfr. ultimo ad aperturam descendente, vix constricto; umbilico angusto, profundo; apertura obliqua; labio unidentato; labro marginato, edentato, reflexo. — Diam. max. 0,55, alt. 0,23 poll. » (G.)

*Helix (Polygyra) anilis Gabb* in Tryon Amer. journ. Conch.  
I. Nr. 3 (Jul. 1865.) p. 209. t. 19. f. 1—4.

Habitat prope Guaymas reipublicae mexicanae (Rémond).

§. 432.

2768. (2049.) **hippocrepis Pfr.** (Coll. Nr. 4376.) Binn. Terr. Moll. IV. p. 77. t. 78. f. 19. — Polygyra A<sup>2</sup>. 95. — Texas. (III. 267.)

2769. (2050.) **fastigans L. W. Say** teste Bland in Ann. Lyc. N.-York VII. p. 441. (Coll. Nr. 4377.) *H. fatigiata Say*, Bland in Ann. Lyc. N.-York VI. 1858. p. 283. t. 9. f. 17—20. — Binn. Terr. Moll. IV. p. 82. (t. 39. f. 4.) — Polygyra A<sup>2</sup>. 95. — *H. Dorfeuilleana* Desh. — *H. operculata* Val. in Mus. Paris. (Binn. I. c. p. 83.) — *Helicina fastigiata* De Kay N.-York Moll. p. 82. — Tennessee. (IV. 318.)  
(2050a. *Mooreana* Binn. vid. Nr. 2765 in §. 431.)

§. 433.

2770. (2051.) **palliata Say.** (Coll. Nr. 4378.) Binn. Terr. Moll. IV. p. 56. — Bland in Ann. Lyc. N.-York VII. p. 433. — Triodopsis A<sup>2</sup>. 98. — *H. denotata* Fér., *notata* Desh., *Caroliniensis* Lea. — *Tridopsis palliata* Mörch in Journ. Conch. XIII. p. 388. — America borealis. (I. 316.)

2771. (2052.) **obstricta Say.** (Coll. Nr. 4379.) Binn. Terr. Moll. IV. p. 57. — Bland in Ann. Lyc. N.-York VII. p. 438. — *H. palliata* var. A<sup>2</sup>. 98. — Ohio. (I. 317.)

2772. (2053.) **appressa Say.** (Coll. Nr. 4380.) Binn. Terr. Moll. IV. p. 59. — Bland in Ann. Lyc. N.-York VII. p. 432. — Triodopsis A<sup>2</sup>. 98. — *H. linguifera* Fér. — Ohio, Missouri. (I. 317.)

2773. **H. Mullani Bland et Cooper. †**

« T. subobtecte umbilicata, globoso-depressa, fusco-cornea, irregulariter striata, epidermide tenui, sub lente lineis spirali-  
libus, et tuberculis (setas gerentibus?) munita, sub epidermide nitida; spira brevi; anfr. 5½—6 convexis, ultimo antice gibbo, vix descendente, basi laeviusculo, ad aperturam valde constricto; apertura subtriangulari, obliqua, dente brevi, albo, linguiformi, in pariete aperturali intrante subcoarctata; perist.

albo, vel rufo - corneo, expanso, fornicatim reflexo, bidentato, dentibus duobus albis in margine calli positus, 1 inferiore lamelliformi, altero, saepe obsoleto, parvo; margine columellari umbilicum mediocrem pervium semiocculante. — Diam. maj.  $13\frac{1}{2}$ , min. 11, alt. 7 mill.» (B.)

*Helix Mullani Bland et Coop.* in Ann. Lyc. N.-York VII. 1861. p. 363.

Habitat « Rocky Mountains » Statuum Unitorum.

2774. **H. Downieana Bland.** †

« T. subobtecte umbilicata, subglobosa, tenui, subpellucida, obsolete costulato-striata, lineis spiralibus impressis sub lente confertim decussata, virenti-cornea; spira brevi, obtusa; anfr. 5, convexis, ultimo tumido, antice gibbosulo, vix descendente, constricto; apertura obliqua, lunato-ovali; perist. albo, labiato, reflexo, margine dextro expanso, columellari angulatim dilatato, umbilicum fere tegente. — Diam. maj.  $10\frac{1}{2}$ , min.  $9\frac{1}{2}$ , alt. 6 mill.» (B.)

*Helix Downieana Bland* in Ann. Lyc. N.-York VII. 1862. p. 420. t. 4. f. 23. 24.

Habitat Tennessee.

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2775. (2054.) **inflecta Say.** (Coll. Nr. 1381.) *Binn. Terr. Moll.* IV. p. 59. — *H. clausa Rafin.* — *H. inflexa* (Triodopsis) *A<sup>2</sup>.* 97. — America bor. (I. 420: *clausa*.)

2776. (2055.) **Rugeli Shuttl.** (Coll. Nr. 1382.) *Binn. Terr. Moll.* IV. p. 60. t. 78. f. 15. — *Bland* in Ann. Lyc. N.-York VII. p. 426. — Triodopsis *A<sup>2</sup>.* 97. — Tennessee. (III. 268.)

2777. (2056.) **personata Lam.** (Coll. Nr. 1383.) Triodopsis *A<sup>2</sup>.* 97. — *Bielz Faun. Siebenb.* p. 53. — *H. isognomostomos Gmel., Bourg.* in Rev. et Mag. Zool. 1862. p. 467. — *Tridopsis* (Isognomostoma) *personata Mörch* in Journ. Conch. XIII. p. 388. — Europa media. (I. 419.)

2778. (2057.) **subpersonata Middend.** † — Bull. Ac. Petersb. IX. 1851. p. 110. — Sibiria. (III. 649.)

2779. (2058.) **Asturica Pfr.** (Coll. Nr. 1384.) *H. Gougeti Pfr. Mon.* I. p. 421, nec *Terv.* — Asturia. (IV. 319.)

2780. (2059.) **pustula Fér.** (Coll. Nr. 1385.) *Binn. Terr. Moll.* IV. p. 94. t. 77. f. 12. (Non *Binn. Terr. Moll.* t. 39. f. 3.) — Stenotrema *A<sup>2</sup>.* 97. — Georgia, Florida, Texas. (I. 422.)

2781. (2060.) **leporina Gould.** (Coll. Nr. 1386.) *Binn. Terr. Moll.* IV. p. 92. — Stenotrema *A<sup>2</sup>.* 97. — *H. pustula* β *Pfr. Mon.* III. p. 268. — *Tridopsis* (Stenotrema) *leporina Mörch* in Journ. Conch. XIII. p. 388. — Illinois, Indiana, etc.

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2782. (2061.) **H. dentifera Binney.**

T. subimperfiorata, depressa, tenuiuscula, conferte costulato-striata, sericea, sordide lutescens; spira convexiuscula; anfr. 5 convexiusculi, ultimus antrorsum subtus subinflatus; apertura diagonalis, subtriangulari-lunaris, dente linguaeformi, obliquo, erecto, libero parietali coarctata; perist. callosum, album, latum, rectangule patens, margine supero subflexuoso. — Diam. maj. 24, min. 20, alt. 42 mill. (Coll. Binney.)

*Helix dentifera Binn.*, *Pfr.* Mon. Helic. I. p. 347. Nec Mon. III. IV.

— — *Binn.* Terr. Moll. IV. p. 55.

— — (Mesodon) *Alb.* Helic. ed. *Mart.* p. 99.

Habitat in Virginia, Pennsylvania, Maine.

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2783. (2061β.) **Römeri Pfr.** (Coll. Nr. 4387.) *Binn.* Terr. Moll. IV. p. 55. t. 77. f. 3. — *Helix dentifera Pfr.* Mon. Hel. III. IV. et in Chemn. ed. II. — Texas.

2784. (2062.) **monodon Rack.** (Coll. Nr. 4388.) *Binn.* Terr. Moll. IV. p. 60. — *Bland* in Ann. Lyc. N.-York VII. 1862. p. 434. — *Stenotrema* A<sup>2</sup>. 96. — *H. convexa Raf.*, *fraterna Say*, *Leai Ward.* — America bor. (I. 420: *convexa*.)

2785. (2063.) **germana Gould.** † — *Binn.* Terr. Moll. IV. p. 44. — *Stenotrema* A<sup>2</sup>. 96. — Oregon. (III. 269.)

## §. 434.

2786. (2064.) **major Binn.** (Coll. Nr. 4389.) *Binn.* Terr. Moll. IV. p. 43. — Mesodon A<sup>2</sup>. 99. — Status Uniti meridionales. (IV. 320.)

2787. (2065.) **albolabris Say.** (Coll. Nr. 4390.) *Binn.* Terr. Moll. IV. p. 43. — Mesodon A<sup>2</sup>. 99. — *Lehm.* in Malak. Bl. XI. 1864. p. 46. t. 4. f. 2. (Anat.) — *Tridopsis albolabris Mörch* in Journ. Conch. XIII. p. 387. — America bor. (I. 290.)

2788. (2066.) **multilineata Say.** (Coll. Nr. 4391.) *Binn.* Terr. Moll. IV. p. 45. — Mesodon A<sup>2</sup>. 99. — Illinois, Missouri. (I. 290.)

2789. (2067.) **Pennsylvanica Green.** (Coll. Nr. 4392.) *Bland* in Ann. Lyc. N.-York VI. (Febr. 1858.) p. 299. — *Binn.* Terr. Moll. IV. p. 45. — Mesodon A<sup>2</sup>. 99. — *H. Mitchelliana Desh.* — Ohio, Pennsylvania. (I. 294. IV. 324.)

2790. (2068.) **clausa Say.** (Coll. Nr. 4393.) *Say's* descr. ed. *Binn.* p. 47. 35. t. 4. f. 4. — *Bland* in Ann. Lyc. N.-York VI. p. 336. — *Binn.* Terr. Moll. IV. p. 46. — *Tridopsis* A<sup>2</sup>. 97. — Status Uniti occidentales. (IV. 324.)

2791. (2069.) **Mitchelliana Lea.** (Coll. Nr. 4394.) *Bland* in Ann. Lyc. N.-York VI. (Sept. 1858.) p. 339. — *Binn.* Terr. Moll. IV. p. 47. (t. 4: fig. externa.) — Ohio. (I. 294. IV. 322.)

2792. (2070.) **divesta Gould.** (Coll. Nr. 4395.) *Tridopsis* A<sup>2</sup>. 98. — *H. abjecta Gould* olim. — Arkansas. (IV. 322.)

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2793. (2071.) **plicaria Lam.** (Coll. Nr. 4396.) *Hemicycla* A<sup>2</sup>. 437. — *H. plicatula* Lam., *plicata* Blw., *orbiculata* Wood, *planorbula* Gray. — Teneriffa. (I. 291.)
2794. (2072.) **Bethencourtiana Shuttl.** — *Hemicycla* A<sup>2</sup>. 437. — Teneriffa. (III. 270.)

## §. 435.

2795. (2073.) **elevata Say.** (Coll. Nr. 4397.) *Say's* descr. ed. *Binn.* p. 47. 35. t. 4. f. 2. — *Binn.* Terr. Moll. IV. p. 52. — *Triodopsis* A<sup>2</sup>. 98. — *H. Knoxvilleana* Fér. — America bor. (I. 317.)
2796. (2074.) **zaleta Say.** (Coll. Nr. 4398.) *H. exoleta* *Binn.* Terr. Moll. IV. p. 54. — *Mesodon* A<sup>2</sup>. 99. — Georgia. (I. 316.)
2797. (2075.) **bucculenta Gould.** (Coll. Nr. 4399.) *Binn.* Terr. Moll. IV. p. 54. — *Mesodon* A<sup>2</sup>. 99. — Georgia, Texas, etc. (III. 274. IV. 323.)

2798. **H. Clarkii Lea.**

«T. superne rotundata, inferne plano-convexa, regulariter striata, brunneo-cornea, imperforata, unidentata; anfr. 7, oblique striatis; apertura lunata, subdilatata; labro albido, reflexo, inferne calloso; columella in medio unidentata, ad basim impressa. — Diam. maj. 44, min. 43, alt. 9 mill.» (L. — Coll. Nr. 4400.)

*Helix Clarkii* Lea in Proc. Ac. Philad. X. 1858. p. 44.

— — *Binn.* Terr. Moll. IV. p. 53. t. 77. f. 40.

Habitat in Carolina septentrionali.

2799. **H. Christyi Bland.**

«T. imperforata, depressa, solidula, confertim costulato-striata, fusco-cornea; spira brevi, obtusa; anfr. 4½ convexiusculis, ultimo ad aperturam deflexo, constricto, superne gibbo, ad peripheriam subangulato, basi convexo, in medio excavato; apertura depressa, dente lamelliformi valido, obliquo, in pariete aperturali intrante coarctata; perist. reflexo, intus albo-callosa. — Diam. maj. 40, min. 8, alt. 4½ mill.» (B. — Coll. Nr. 4401.)

*Helix Christyi* Bland in Ann. Lyc. N.-York VII. 1860. p. 448.  
t. 4. f. 5. 6.

Habitat in Carolina boreali.

2800. **H. Wheatleyi Bland. †**

«T. imperforata, depresso conoideo-globosa, tenuiuscula, rufescente-cornea, conferte costulato-striata, sub lente minute granulata, pilis brevissimis ornata; spira breviter conoidea; sutura valde impressa; anfr. 5½, convexiusculis, ultimo rotun-

dato, ad aperturam breviter deflexo, constricto, basi convexo, circa columellam excavato; apertura obliqua, lunari, pariete aperturali tuberculo dentiformi parvo munito; perist. acuto, roseo-labiato, aequaliter angulatim reflexo, columellari adnato. — Diam. maj. 44, min. 42, alt. 7 mill.» (B.)

*Helix Wheatleyi* Bland in Ann. Lyc. N.-York VII. 1860. p. 119.  
t. 4. f. 7.

Habitat in Carolina septentrionali.

### §. 436.

2801. (2076.) **acceptabilis** Charp. † — III. 271.

2802. (2077.) **albina** Müll. † — I. 423.

2803. (2078.) **Alexandrina** Ehrenb. † — I. 423.

(2079. *atrolineata* Desh. vid. *H. penicillata* Nr. 2265.)

2804. (2080.) **H. Brocchii** Calcara. †

«Testa semipervio-umbilicata, orbiculato-depressa, minutissime striata, nitida, albido - cornea; anfractus  $2\frac{1}{2}$  rotundati, celeriter accrescentes, ultimus antice descendens; sutura profunda; apertura lunato-rotundata; peristoma simplex, rectum, acutum. — Diam. maj.  $4\frac{1}{3}$ , min. 4, alt.  $\frac{2}{3}$  mill.» (Ben.)

*Helix Brocchii* Calc., Pfr. Mon. Hel. I. p. 423; IV. p. 323.

— *Brocchiana* Benoit Ill. test. estr. Sicil. III. 1859. p. 145.  
t. 4. f. 10.

Habitat in Sicilia.

Obs. Icon characteres testae alicujus juvenilis monstrat.

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(2081. *bulbulus* Mouss. vid. Nr. 2545)

2805. (2082) **candida** Gmel. † — I. 423.

2806. **Chelmea** Boiss. † — IV. 324.

2807. (2083.) **cornea** Risso. † — I. 424.

2808. (2084.) **corpuloides** Adams. † — III. 272.

2809. (2085.) **crenulata** Müll. † — I. 424.

2810. (2086.) **cristula** Fér. † — I. 424.

2811. (2087.) **H. Cupani** Calcara. †

«Testa umbilicata, orbiculato-subdepressa, hispidula, opaca, corneo-rufescens; saepe fusco-punctata; anfractus  $3\frac{1}{2}$  convexiusculi, ultimus basi rotundatus; spira subelevata; sutura satis impressa; apertura ovato-lunata; peristoma simplex, rectum, acutum. — Diam. maj.  $4\frac{1}{3}$ , min.  $4\frac{1}{6}$ , alt.  $\frac{2}{3}$  mill.» (Ben.)

*Helix Cupani* Calc., Pfr. Mon. Helic. I. p. 424; IV. p. 324.

*Helix Cupaniana* Benoit Ill. test. Sicil. III. 1859. p. 146.  
t. 4. f. 9.

Habitat in Sicilia.

Obs. Icon, testam embryonalem aliquam evidenter exhibens, descriptioni non respondet!

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(2088. *Deshayesii* Calc. vid. *H. Zanellia* Testa Nr. 197 a in Add.)

2812. (2089.) **H. Dibenediti Calcara.** †

«T. subglobosa, parva, tenui, glabra, corneo-fusca, subumbilicata; anfractibus 3 convexis, sutura profunda divis; labro simplici. — Diam. 4 lin.» (Calc.)

«Testa rimata, globoso-conoidea, tenuis, subpellucida, glabra, corneo-rufescens; anfractus tres convexi, celeriter accrescentes, ultimus ventricosus, antice deflexus; sutura profunda; apertura ovato-rotundata, obliqua; peristoma simplex, rectum, acutum, margine columellari brevissime reflexo. — Diam. maj.  $4\frac{1}{3}$ , min.  $4\frac{1}{6}$ , alt.  $4\frac{1}{2}$  mill.» (Ben.)

*Helix Gemmellari* Calc. Cenno top. di Term. p. 32. Non Arad. et Magg.

— *Dibenediti* Calc. Cenno su' Moll. Sic. p. 23. t. 3. f. 6; Moll. Pal. p. 18. f. 6. (*Pfr.* Mon. III. p. 272.)

— *Dibeneditiana* Benoit Ill. test. estr. Sicil. III. 1859. p. 147. t. 4. f. 3.

Habitat in Sicilia.

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2813. (2090.) **fornicata Gould.** † — IV. 324.

2814. **fulgida Parr.** † — IV. 324.

(2091. *Gemmellari* Ar. et Magg. vid. *H. desertorum* Nr. 2313 in Add.)

2815. **grossa Müll.** † — IV. 324.

2816. (2092.) **hispida Risso.** † — I. 426.

2817. **hypolepta Shuttl.** † — IV. 324.

(2093. *incisa* Chem. est *Tenagodi* Guett. spec. Vid. Proc. Zool. Soc. Lond. 1860. p. 401. 408.)

2818. (2094.) **Kiesneri Guill.** † — I. 427.

2819. **H. laeta Gould.** †

«Testa tenuis, lucida, subglobosa, viridi-cornea, vitta rufa ad peripheriam et altera prope suturam ornata; anfr. 5 ventricosis, striis volventibus tenuissimis. Apertura magna, subcircularis, peristomate modico, everso, ad umbilicum magis reflexo. — Axis 4, diam.  $4\frac{1}{4}$  poll.» (G.)

*Helix laeta* Gould in Proc. Bost. Soc. VI. p. 422; Otia conch. p. 401.

*Helix laeta* (Acusta) Mart. Ostas. Zool. II. p. 22.

Habitat Hakodadi.

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2820. (2095.) **leucas** Linn. † — I. 427. Vid. Nr. 1134.

(2096. *margarita* Beck vid. Nr. 392.)

2821. **margaritacea** Brown Ill. conch. Gr. Brit. 1844. p. 44. t. 17.

f. 54—56. (*Vitrina margaritacea* Brown ed. I. t. 40. f. 54—56.) Conf. Gray in Turt. Man. p. 122.

(2097. *nemorivaga* Val. vid. *H. Nickliniana* Nr. 2296.)

(2098. *Nortoni* Calc. vid. *H. Testae* Phil. Nr. 661 in Add.)

2822. **H. operculina** Gould. †

« Testa tenuis, depressissima, rufo - cornea; anfr. 5 concavo-convexis, ad peripheriam acutissime carinatis, marginatis; subtus concava deinde convexa. Apertura angustissima, sigmoidea, peristomate vix reflexo. — Axis  $\frac{1}{10}$ , diam.  $\frac{3}{10}$  poll.» (G.)

*Helix operculina* Gould in Proc. Bost. Soc. VI. p. 423; Otia conch. p. 102.

Habitat « Peel Island » s. Bonin Isl. (Wright.)

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2823. (2099.) **Petiti** Cantr. † — I. 429.

2824. **platyomphala** Parr. † — IV. 324.

2825. (2100.) **polita** Müll. † — I. 429.

2826. **porrecta** Yoldi. † — IV. 324.

2827. (2101.) **radiata** Müll. † — I. 429.

2828. (2102.) **rosea** Jan. † — I. 42.

2829. **rupium** Couth. † — IV. 324.

2830. (2103.) **Spixiana** Desh. in Ind. ad *Fér.* Hist. t. 87. f. 4 (in textu bene non citata). — III. 273.

2831. (2104.) **tenuis** Gmel. † — I. 431.

(2105. *tenuistriata* Binn. vid. Nr. 1622.)

2832. (2106.) **Tilii** Ant. † — I. 322.

2833. **translucida** Parr. † — IV. 324.

(2107. *variegata* *Fér.* vid. *H. cesticulus* Nr. 2270.)

(2108. *Zanellia* Testa vid. Nr. 197 a in Addend.)

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*Species quarum descriptiones non vidi.*

### **Helix**

*abietina* Bourg. Malac. Algér. Fasc. II. 1863. — Algeria.

*ablennia* Bourg. ibid. Fasc. VI. 1865. — Algeria.

*abrolena* Bourg. ibid. Fasc. II. 1863 (affinis *H. xanthodonti* Ant.). — Algeria.

*achlyophila* (Zonites) Bourg. ibid. Fasc. I. 1863. (*H. lucida* Forb.) — Algeria.

*acleochroa* Bourg. ibid. Fasc. II. 1863 (affinis *H. Telonensi*). — Algeria.

- acompsia* Bourg. *ibid.* Fasc. III. 1863. — Algeria.  
*Africae* Brown in *Tryon Amer. journ. conch.* 1865. — Africa meridionalis.  
*alsia* Bourg. Malac. Algér. Fasc. II. 1863. — Algeria.  
*apalista* (Zonites) Bourg. *ibid.* Fasc. I. 1863. — Algeria.  
*argia* (Zonites) Bourg. *ibid.* Fasc. I. 1863. — Algeria.  
*Baccueti* Bourg. *ibid.* Fasc. II. 1863 (affinis *H. roseo-tinctae* Forb.) — Algeria.  
*Bastidiana* Bourg. *ibid.* Fasc. VI. 1865. — Algeria.  
*Binneyana* (Hyalina) Morse in *Journ. Portl. soc.* 1864. — Stat. Uniti.  
*Blakei* Newc. in *Proc. Ac. Californ.* 1865. — Japonia.  
*Bourniana* Bourg. Malac. Grande-Chartreuse 1864. — Gallia.  
*calendyma* Bourg. Malac. Algér. Fasc. II. 1863. — Algeria.  
*cerinoidea* Anth. in *Tryon Amer. journ. Conch.* 1865.  
*Challamelliana* Bourg. Malac. Algér. Fasc. VI. 1865. — Algeria.  
*chelia* (Zonites) Bourg. *ibid.* Fasc. I. 1863. (*H. cellaria* Forb.) — Algeria.  
*chnoodia* Bourg. *ibid.* Fasc. II. 1863. — Algeria.  
*Congellana* Krauss (Pella) Alb. Helic. ed. Mart. p. 84. — Natal.  
*conulina* Mart. Ostas. Zool. II. p. 24. (Zonites *conulus* A. Adams.) — Japonia.  
*Danieli* Bourg. Malac. Bretagne 1860 (affinis *H. nubigenae* Charp.) — Gallia.  
*Debeauxiana* Bourg. Malac. Algér. Fasc. II. 1863 (affinis *H. pygmaeae*). — Algeria.  
*declivis* Newc. in *Proc. Ac. Californ.* 1865. — Japonia.  
*Drouetiana* Morel. Moll. terr. Açor. 1860. — Ins. Azor.  
*Dumontiana* (Zonites) Bourg. Malac. Grande Chartreuse 1864 (affinis *H. radiatulæ* Ald.). — Gallia.  
*Duveyrieriana* Bourg. Malac. Algér. Fasc. II. 1863; Moll. terr. et fluv. Sahara 1864.  
*elegans* (Tectula) Albers Hel. ed. Mart. p. 120. — Portosancto.  
*Eumaeus* Lowe in *Journ. Proc. Linn. Soc. V.* 1860. p. 198. — Mogador. (Trosch. Jahresber. 1862.)  
*euphorca* Bourg. Malac. Algér. Fasc. III. 1863. — Algeria.  
*eustilba* (Zonites) Bourg. *ibid.* Fasc. I. 1863. (*H. crystallina* Terv., Mor.) — Algeria.  
*Febigeri* Bland in *Tryon Amer. journ. Conch.* 1866. Jan. — New-Orleans.  
*flavo-virens* Dumont et Mort. Catal. moll. Savoie 1857 (affinis *H. zonatae*). — Sabaudia.  
*Fradiniana* Bourg. Malac. Algér. Fasc. II. 1863 (affinis *H. Moquinianae* Raym.). — Algeria.  
*Geryvillensis* Bourg. *ibid.* Fasc. III. 1863. — Algeria.  
*granostriata* Mouss. in *Ann. nat. hist. III.* 1859. p. 84. — Fuerteventura. (Trosch. Jahresber. 1864.)  
*impugnata* Mouss. *ibid.* p. 84. — Lanzerotte. (Trosch. Jahresber. 1864.)  
*Irus* Lowe in *Journ. Proc. Linn. Soc. V.* 1860. p. 198. — Mogador. (Trosch. Jahresber. 1862.)  
*japonia* (Vallonia) A. Adams ex Mart. Ostas. Zool. II. p. 18. — Japonia.  
*Jugallsiana* «Shuttl.» (Mesodon) Mart. in Alb. Helic. ed. II. p. 99.  
*Juriniana* Bourg. Malac. Aix-les-Bains 1864 (affinis *H. dolopidae*). — Gallia.  
*Lallemantiana* Bourg. Malac. Algér. Fasc. III. 1863. — Algeria.  
*lasia* Bourg. *ibid.* Fasc. II. 1863. — Algeria.  
*Liberiae* Brown in *Tryon Amer. journ. conch.* 1865. — Africa meridionalis.  
*Locheana* Bourg. Malac. Algér. Fasc. II. 1863. — Algeria.  
*lucescens* Kutsch., Brusina Contrib. p. 121. — Dalmatia.



- miranda* (Camena) A. Adams ex Mart. Ostas. Zool. II. p. 30. — Japonia.  
*monas* Morel. et Drouët Moll. terr. Açor. 1860. — Ins. Azor.  
*Mongrandiana* Bourg. Malac. Algér. Fasc. II. 1863 (affinis *H. roseotinctae* Forb.). — Algeria.  
*odopachya* Bourg. ibid. Fasc. II. 1863 (affinis *H. xanthodonti* Ant.). — Algeria.  
*Paladilhi* Bourg. Moll. nouv., litig. Fasc. VI. VII. 1866. — Gallia.  
*patruelis* (Acusta) A. Adams ex Mart. Ostas. Zool. II. p. 24 (affinis *H. Largillierii* Phil.). — Japonia.  
*paupera* Philippi Atacama 1860. p. 183.  
*Pazi* (Zonites) Bourg. Moll. nouv., litig. Fasc. VI. VII. 1866. — Hispania.  
*piestia* (Zonites) Bourg. Malac. Algér. Fasc. I. 1863. — Algeria.  
*Poupillieri* Bourg. ibid. Fasc. II. 1863. — Algeria.  
*psara* Bourg. ibid. Fasc. III. 1863. — Algeria.  
*psatura* (Zonites) Bourg. ibid. Fasc. I. 1863. — Algeria.  
*psaturochaeta* Bourg. Malac. Bretagne 1860 (affinis *H. Moquinianae* Raym.). — Gallia.  
*ptilota* Bourg. ibid. 1860 (affinis *H. occidentali*). — Gallia.  
*pynocheilia* Bourg. Malac. Algér. Fasc. II. 1863. — Algeria.  
*Reboudiana* Bourg. ibid. Fasc. III. 1863. — Algeria.  
*Roseri* Krauss (Pella) Alb. Helic. ed. Mart. p. 84. — Natal.  
*serotina* (Acusta) A. Adams ex Mart. Ostas. Zool. II. p. 23. — Japonia.  
*setocincta* A. Adams ex Mart. Ostas. Zool. II. p. 19 (affinis *H. ciliolae* Pfr.). — Japonia.  
*significans* Bland in Tryon Amer. journ. Conch. 1866. — Fort-Gibson.  
*sphinctostoma* A. Adams ex Mart. Ostas. Zool. II. p. 24 (affinis *H. japonicae* Pfr., sed ecarinata). — Japonia.  
*Steenstrupii* Mörch in Rink's Greenl. p. 75. (Synon. *H. nitida* Fabr. F. Gr. Nr. 385. — *H. alliaria* Forb. Br. Ass. 1839, 142.) Conf. Binn. Terr. Moll. IV. p. 117.  
*subglabra* (Zonites) Bourg. Malac. Bretagne 1860 (affinis *H. glabrae*). — Gallia.  
*subplicatula* (Zonites) Bourg. Malac. Algér. Fasc. VI. 1865. — Algeria.  
*Terceirana* Morel. et Drouët Moll. terr. Açor. 1860. — Ins. Azor.  
*trochula* A. Adams ex Mart. Ostas. Zool. II. p. 19. — Japonia.  
*Trumbulli* Linsl. Sh. of Connect. p. 10; Sillim. Journ. 48. p. 280 = *Skenea serpuloides*? (Conf. Binn. Terr. Moll. IV. p. 125.)  
*vespertina* Morel. et Drouët Moll. terr. Açor. 1860. — Ins. Azor.  
*Warnieriana* Bourg. Moll. terr. et fluv. Sahara 1864.

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*Conulus vaccus* Guppy in Ann. and Mag. n. h. 1866. p. 53 = genus *Guppya* Mörch in Journ. Conch. XV. 1857. p. 256.

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### Species fossiles. (Vide IV. p. 324.)

#### Helix

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|---|---|
| <i>Antonini</i> Mich. in Journ. Conch. X. p. 64. t. 3. f. 7. 8. | <i>umbilicalis</i> Desh., non = <i>Algira</i> L. (Rambur in Journ. Conch. X. p. 176.) |
| <i>Bernardii</i> Mich. ibid. p. 60. t. 3. f. 4—6.               | <i>Desoudiniana</i> Crosse in Journ. Conch. X. p. 84. 1857. t. 7. f. 1. 2.            |
| <i>Chaixii</i> Mich. Descr. de coq. foss. de Hauterive 1855.    | <i>Dumortieriana</i> Crosse ibid. p. 85. 160. t. 7. f. 5. 6.                          |
| <i>Collongeonii</i> Mich. Hauterive 1855 =                      |   |

- Duvalii* Mich. in Journ. Conch. X. p. 65. t. 3. f. 44—46.  
*Evansi* Meek et Hayden Proc. Ac. Philad. 1860. p. 475.  
*extincta* Rambur in Journ. Conch. X. p. 472. t. 8. f. 5. 6.  
*Geryvillensis* Bourg. Paléont. Algér. 1862.  
*Gualinaei* Mich. Hauterive 1855.  
*gyrioxia* Bourg. Paléont. Algér. 1862.  
*Jobaeana* Crosse in Journ. Conch. IX. p. 356. X. p. 453. t. 7. f. 3. 4. — *H. Jobae* Bourg. Paléont. Algér. 1862.  
*Jourdani* Mich. in Journ. Conch. X. p. 62. t. 3. f. 42. 43.  
*Koleensis* Bourg. Paléont. Algér. 1862.  
*?labyrinthicula* Mich.  
*Lucani* Tourn. in Bull. soc. géol. France 2e sér. XXIII. 1866.  
*Munieri* Desh. An. s. vert. bass. Par. Livr. 35. 36.  
*Nayliesii* Mich. Hauterive 1855.  
*obruta* Morel. et Drouët Moll. terr. Açor. 1860.  
*psammoecia* Bourg. Paléont. Algér. 1862.  
*rechodia* Bourg. ibid.  
*runderoides* Mich. in Journ. Conch. X. p. 64. t. 3. f. 9—11.  
*Semperiana* Crosse in Journ. Conch. IX. p. 357. X. p. 455. t. 7. f. 7. 8. — *Zonites Semperianus* Bourg. Paléont. Algér. 1862.  
*spatiosa* Meek et Hayden in Proc. Ac. Philad. 1864. p. 446.  
*subsenilis* Crosse in Journ. Conch. X. p. 85. 162. t. 7. f. 42—46.  
*Vanvincquiae* Crosse in Journ. Conch. IX. p. 357. X. p. 458. t. 7. f. 9—11. — *H. Vanvincquiana* Bourg. Paléont. Algér. 1862.  
*veterna* Meek et Hayden in Proc. Ac. Philad. 1864. p. 447.  
*Victoris* Mich. in Journ. Conch. X. p. 63. t. 3. f. 4—3.

## IX. Boysia Pfr. 1849.

*Pfr.* Mon. Helic. IV. p. 325. — *Hypostoma Albers* Helic. 1850. p. 430: genus Heliceorum. — *Hypotrema* (sectio 24 Pupae) *Albers* Helic. ed. *Martens* p. 304. (Nomen mutatum ob *Hypostoma* genus Piscium.)

### *Species unica:*

1. **Bensoni** Pfr. (Coll. Nr. 4.) *Anostoma Boysii* Bens. — *Hypostoma Boysii* Alb. — *Pupa Boysii* (*Hypotrema*) A<sup>2</sup>. 305. — India orientalis. (I. 2.)

## X. Plectostoma H. Adams.

«Testa conica, umbilicata; anfractus ultimus solutus, protractus, sursum flexus, inde retrorsum extensus; apertura simplex; peristoma subverticale, expansum.»

*Plectostoma* (novum genus Helicidarum) *H. Adams* in Ann. and Mag. n. h. 3d. ser. V. Mart. 1860.

«Differt a *Boysia* forma helicoidea et umbilico aperto, ab *Hypslostomate* apertura edentula, ab utroque genere anfractu ultimo soluto, constricto et retrorsum prolongato.»

1. **P. Crespignyi H. Adams.**

«P. testa elevato-conica, tenuissima, pallido-fulva, laminis numerosis longitudinalibus tenuibus erectis munita, sutura valde impressa, apice subacuto; anfractibus 6, convexis, ultimo tubam protractam, postice paulum constrictam, sursum flectam, inde revertam efformante; umbilico aperto; apertura circulari, sub-verticali, paululum reclinante; peristomate libero, valde expanso, reflexiusculo. — Diam. maj. 2, min.  $1\frac{1}{4}$ , axis 2 mill.» (Ad. — Coll. Nr. 1.)

*Plectostoma De Crespignii* H. Adams in Ann. and Mag. n. h. 3d. ser. V. Mart. 1860.

Habitat in insula Labuan, Borneo (De Crespigny).

## XI. Hypselostoma Benson.

*Pfr.* Mon. Helic. IV. p. 325. — *H. et A. Adams* Gen. sh. II. (Pt. 35. 1858.) p. 640.

*Species :*

1. **tubiferum Bens.** (Coll. Nr. 1.) *Pfr.* Novit. conch. p. 130. — *Tanystoma tubiferum* Bens. — Birmania. (IV. 325.)

2. **H. Bensonianum W. Blanford. †**

«T. mediocriter umbilicata, turbinata, non distincte striata, tenuis, cornea. Spira conica, apice papillari et versus axin obliquo, sutura profunda. Anfr. 4, superiores planulati, ultimus ad peripheriam carina prominente rotundata instructus, subtus convexus et versus umbilicum compressus, versus aperturam leviter ascendens; apertura circularis, fere verticalis, leviter sursum directa, libera, intus dentibus 5 lamellaribus munita, quorum 4 aequidistantibus et oppositis in angulis supero et infero orificii, quinto minore proxime super illum anguli superi marginis parietalis. Peristoma liberum, simplex, late expansum, tubaeforme. — Diam. maj. 3, min.  $2\frac{1}{5}$ , alt. 2, diam. perist. 4 mill.» (Bl. angl.)

*Hypselostoma Bensonianum* W. T. Blanf. Contrib. to Ind. Malac. IV. 1863. p. 8.

Habitat Mya Leit Doung, Ava.

## XII. Anostoma Fischer.

*Pfr.* Mon. Helic. IV. p. 326. — *Albers* Helic. ed. *Mart.* p. 154: sectio 63 Helicis. Conf. *Dohrn* in *Malak. Bl.* 1861. p. 202.  
— Omnes species notae brasiliae.

### Conspectus specierum:

- A. Peristomate non perforato . . . . . §. 1. Nr. 1—3.  
B. Peristomate perforato . . . . . §. 2. — 4—5.

#### §. 1.

1. **ringens Linn.** — *Helix ringens* Linn., (Anostoma) A<sup>2</sup>. 154. (I. 1.)
2. **Deshayesianum Fisch.** † — *Helix Deshayesiana* (Anostoma) A<sup>2</sup>. 154. (IV. 326.)
3. **Verreauxianum Hupé.** (Coll. Nr. 1.) *Hupé* in *Casteln. expéd.* Moll. p. 22. t. 3. f. 5. — *Helix Verreauxiana* (Anostoma) A<sup>2</sup>. 154. (IV. 326.)

#### §. 2.

4. **carinatum Pfr.** (Coll. Nr. 2.) *Helix carinata* (Anostoma) A<sup>2</sup>. 154. (III. 650.)
5. **globulosum Lam.** (Coll. Nr. 3.) *Helix ringicula* Fér. (Anostoma) A<sup>2</sup>. 154. (I. 2.)

## XIII. Tomigerus Spix.

*Pfr.* Mon. Helic. IV. p. 327. — *Albers* Helic. ed. *Martens* p. 188: sectio 6 Bulimi. Conf. *Dohrn* in *Malak. Bl.* 1861. p. 203.

### Species notae:

1. **gibberulus Burr.** — *Helix gibberula* Burr. — *Tomigerus principalis* Sow. — *Bulimus gibberulus* (Tomigerus) A<sup>2</sup>. 188. — Pernambuco. (III. 284.)
2. **clausus Spix.** (Coll. Nr. 1.) *Helix clausa* Wagn., *tomigera* Moric. — *Anostoma Spixii* Beck. — *Bulimus clausus* Desh. (Tomigerus) A<sup>2</sup>. 188. — Brasilia. (I. 2.)
3. **turbinatus Pfr.** (Coll. Nr. 2.) *Helix tomigeroides* Moric. — *Anostoma tomigera* Beck. — *Bulimus turbinatus* (Tomigerus) A<sup>2</sup>. 188. — Brasilia. (I. 3.)
4. **Cumingi Newc.** — Para Brasiliae. (III. 285.)
5. **Venezuelensis Pfr.** (Coll. Nr. 3.) *Bulimus venezuelensis* (Tomigerus) A<sup>2</sup>. 188. — Venezuela. (IV. 327.)

## XIV. Streptaxis Gray.

*Pfr.* Mon. Helic. IV. p. 328. — *Albers* Helic. ed. *Martens* p. 305: genus XXXI Heliceorum (Pupaceorum). — *Dohrn* in *Malak. Bl.* XIII. 1866. p. 129: genus cum *Ennea* et *Streptostele* tribum *Streptocionidarum* constituens.

### Conspectus specierum:

- A. Edentulae (*Artemon*),
  - a. subregulares . . . . . §. 1. Nr. 1—10.
  - b. genuinae . . . . . §. 2. — 11—24.
- B. Dente vel lamella 1 parietali, peristomate edentulo . . . . . §. 3. — 25—45.
- C. Pariete aperturali et peristomate armatis.
  - a. Ovatae (*Odontartemon*) . . . . §. 4. — 46—64.
  - b. Conoideae vel discoideae (*Discartemon*) . . . . . §. 5. — 65—67.

### §. 4.

1. (1.) **candidus Spix.** (Coll. Nr. 1.) *Helix perspectiva* Wagn., *Spixiana* Pfr., *candida* Moric. — *Streptaxis Spixianus* A<sup>2</sup>. 306. — Brasilia. (I. 404.)
2. (2.) **intermedius Alb.** — A<sup>2</sup>. 306. — Brasilia. (IV. 328.)
3. (3.) **Wagneri Pfr.** (Coll. Nr. 2.) A<sup>2</sup>. 306. — *Helix Wagneri* Pfr., *Coffreana* Moric. — Brasilia. (I. 405.)
4. (4.) **Rollandi Bern. †** — A<sup>2</sup>. 306. — *Helix Rollandi Bern.* — Brasilia? (IV. 329.)
5. (5.) **subregularis Pfr.** — A<sup>2</sup>. 306. — Habitat? (I. 4.)

### 6. **Str. suturalis Martens. †**

«Testa perforata, globoso-conica, tenuis, alba; spira subregularis, turbinata, apice obtusa; anfr.  $7\frac{1}{2}$ , parum convexi, oblique costulato-striata, ultimus basi laevis, convexus, antrorsum parum devians; sutura planulata, costulata; apertura obliqua, semiovalis; peristoma album, undique late reflexum, margine supero flexuoso. — Diam. maj. 28, min. 23, alt. 27 mill.» (v. M.)

*Streptaxis suturalis* Mart. in *Malak. Bl.* VI. 1859. p. 19; in *Alb. Helic.* p. 306.

Habitat in Nova Granada.

Obs. «Forma parum irrégulari ad *Str. subregularem* et *alveum*, aperturae forma magis ad *Str. nobilem* accedit.»

7. (6.) **epistylum Müll.** † — *Helix epistylum Müll.* — Habitat? (IV. 329.)  
 8. (7.) **conoideus Pfr.** — A<sup>2</sup>. 306. — Malacca. (IV. 329.)  
 9. (8.) **alveus Dunk.** (Coll. Nr. 3.) A<sup>2</sup>. 306. — Brasilia. (I. 4.)

### 10. **Str. Paivanus Pfr.**

T. angustissime aperte umbilicata, subregulariter convexo-conica, tenuiuscula, superne subtilissime striatula, nitida, pellucida, albido-hyalina; spira conoidea, vertice obtusulo; sutura profunda, filomarginata; anfr.  $7\frac{1}{2}$  modice convexi, lente accrescentes, ultimus latere vix devians, antice non descendens, subtus convexus, laevigatus, striis nonnullis variciformibus notatus; apertura obliqua, lunaris, edentula; perist. album, breviter reflexum, marginibus remotis, basali antrorsum subflexuoso. — Diam. maj.  $6\frac{1}{2}$ , min. 6, alt. vix 5 mill. (Coll. Nr. 4.)

*Streptaxis Paivana Pfr.* in Journ. Conch. XV. 1867. p. 43.  
 t. 1. f. 2.

Habitat in Brasilia.

### §. 2.

11. (9.) **nobilis Gray.** (Coll. Nr. 5.) A<sup>2</sup>. 306. — *Str. Blandingiana* Pfr. Mon. I. p. 4. — *Str. Monrovia Dohrn* in Malak. Bl. XIII. 1866. p. 137. — *Helix pagoda Fér.?*, *Blandingiana Lea.* — Jun.: *Helix Monrovia Rang*, Pfr. Mon. Helic. — Sierra Leone. (I. 4.)  
 12. (10.) **rimatus Pfr.** — A<sup>2</sup>. 306. — Habitat? (I. 5.)  
 13. (11.) **Dunkeri Pfr.** (Coll. Nr. 6.) A<sup>2</sup>. 306. — *Mart. Ostas. Zool.* II. p. 7. — Brasilia. (I. 5.)  
 14. (12.) **Funcki Pfr.** (Coll. Nr. 7.) A<sup>2</sup>. 306. — *Martens* in Malak. Bl. VI. 1859. p. 61. — Nova Granada. (I. 436.)  
 15. (13.) **contusus Fér.** (Coll. Nr. 8.) A<sup>2</sup>. 307. — *Helix contusa Fér.* — Brasilia. (I. 5.)  
 16. (14.) **Recluzianus Pet.** — A<sup>2</sup>. 307. — *Helix Reclusiana Petit.* — Guinea. (I. 6.)  
 17. (15.) **uberiformis Pfr.** — Brasilia. (III. 287.)  
 18. (16.) **deplanatus Pfr.** — A<sup>2</sup>. 307. — Habitat? (I. 6.)  
 19. (17.) **prostratus Gould.** (Coll. Nr. 9.) *Gould* in Proc. Bost. Soc. VI. 1856. p. 12; *Otia conch.* p. 220. \*) — A<sup>2</sup>. 307. — Promontorium Palmarum. (IV. 330.)  
 20. (18.) **albidus Pfr.** — A<sup>2</sup>. 307. — Habitat? (I. 6.)  
 21. (19.) **gibbosus Pfr.** — Nova Granada. (IV. 330.)

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\*) «T. pupoidea, valde distorta, tenuis, dilute cornea; anfr. 6, posticis lateraliter appositis, ad peripheriam acute angulatis, antico subtus glabrato; apertura longior quam lata, lamina palatali instructa; peristomate reflexo; umbilico crescentico, satis magno. — Long.  $\frac{3}{8}$ , lat.  $\frac{1}{4}$  poll.» (G.)



22. **Str. Kirkii Dohrn.** †

«Testa perforata, depresso - piriformis, tenuis, subtiliter oblique striata, epidermide cereo - albida induta; spira obtuse conoidea, lateralis; sutura impressa, submarginata; anfr. 6, convexiusculi, superi regulares, 2 ultimi lateraliter valde deviantes, penultimus latere aperturae deplanatus; apertura subverticalis, lunaris, edentula; peristomium simplex, mediocriter expansum, margine columellari reflexo. — Diam. maj.  $\frac{5}{16}$ , min.  $\frac{3}{16}$ , alt.  $\frac{3}{16}$ , apert. diam.  $\frac{1}{8}$  poll.» (D.)

*Streptaxis Kirkii Dohrn* in Proc. Zool. Soc. 1865. p. 232.

Habitat in insula lacus Nyassae Africae tropicae (Kirk).

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23. (20.) **Candeanus Pet.** (Coll. Nr. 10.) A<sup>2</sup>. 307. — *Helix Candearia Pet.*, *deformis Desh.* — Nova Granada. (I. 7.)

24. **Str. Deshayesianus Crosse.** †

«T. anguste umbilicata, turbinata, striis regularibus longitudinaliter impressa, parum nitens, corneo - albida; anfr.  $6\frac{1}{2}$  vix convexi, ultimus devians, basi planulatus, subtus nitidulus, inconspicue striatus; apertura obliqua, edentula, ovato - lunaris; perist. album, marginibus reflexis, columellari et basali dilatatis, supero subflexuoso, attenuato. — Diam. maj. 5, min. 4, alt. 4 mill.» (Cr.)

*Streptaxis Deshayesianus Crosse* in Journ. Conch. XI. 1863. p. 388; XV. 1867. p. 202. t. 5. f. 3.

Habitat . . . ?

## §. 3.

25. (21.) **ovatus Pfr.** — A<sup>2</sup>. 307. — Habitat? (I. 7.)

26. (22.) **deflexus Soul.** † — *Helix deflexa Soul.* — Cochinchina. (IV. 331.)

27. **Str. pellucens Pfr.**

T. umbilicata, oblongo - ovata, tenuis, superne arcuatim costulato-striata, nitida, hyalina; spira elevata, apice subacute conoideo; sutura impressa, submarginata; anfr.  $6\frac{1}{2}$  convexiusculi, 4 primi regulares, ultimi deorsum leviter deviantes, ultimus omnino laevigatus, juxta aperturam subplanatus, antice leviter ascendens; umbilicus punctiformis, extus parum dilatatus; apertura parum obliqua, truncato-oblonga, lamella parietali libera, compressa, intrante coarctata; perist. subincrassatum, reflexiusculum, marginibus subparallelis, dextro ad insertionem tenui, tum leviter antrorsum dilatato. — Diam. maj. 13, min. 8, alt.  $7\frac{1}{2}$  mill. (Coll. Nr. 44.)

*Streptaxis pellucens* Pfr. in Proc. Zool. Soc. 1862. p. 273.  
t. 36. f. 6.

Habitat «Lao Mountains» Cambojæ (Mouhot).

### 28. **Str. porrectus** Pfr.

T. umbilicata, oblique ovato-oblonga, tenuis, superne arcuato-plicatula, cereo-hyalina; spira excentrica, breviter conoidea; sutura impressa; anfr.  $6\frac{1}{2}$  convexiusculi, primi 4 regulares, reliqui late deviantes, ultimus subascendens, ad suturam modo plicatulus; umbilicus mediocris, non pervius; apertura obliqua, truncato-oblonga, lamella parietali compressa, prope marginem dextrum intrante coarctata; perist. callosum, expansum et reflexum, margine dextro ad insertionem tenui, sinuato, tum subangulatim porrecto. — Diam. maj. 10, min.  $7\frac{1}{3}$ , alt. 6 mill. (Mus. Cuming.)

*Streptaxis porrecta* Pfr. in Proc. Zool. Soc. 1862. p. 273.

Habitat «Lao Mountains» Cambojæ (Mouhot).

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29. (23.) **exacutus** Gould. — Gould in Proc. Bost. Soc. VI. Oct. 1856. p. 42; Otia conch. p. 220. \*) — Mergui Birmanorum. (IV. 334.)

### 30. **Str. Sankeyi** Benson. †

«Testa oblique umbilicata, rhomboideo-ovata, confertissime costulato-striata, albida; spira vix laterali, depresso-conoidea, sutura impressa, apice obtusiusculo; anfractibus 7, primis 5 regularibus, subplanatis, antepenultimo subacute carinato, carina subtus compressa, 2 ultimis breviter deviantibus, ultimi basi circa umbilicum compressa; apertura obliqua, truncato-ovata, subtriangulari, lamella 1 parietali submediana prominente, breviter intrante, superne callo elevato ad labrum juncta, peristomate expanso, reflexo, marginibus subtus convergentibus, dextro superne attenuato, sinuato. — Diam. maj. 10, min.  $6\frac{1}{4}$ , axis 7 mill.» (B.)

*Streptaxis Sankeyi* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Jun. 1859.) p. 472.

Habitat prope Moulmein Birmaniae.

Obs. «Proxime affinis *Str. exacuto*.»

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\*) «T. grandis, omnino dislocata, late umbilicata, pallide cornea, supra acute lirata, infra polita: spira discoidea lateralis; anfr. 6 + penultimo postice valde protruso, exacuto, apicalibus convexiusculis, bene discretis: apertura subquadrata; peristomate albo, reflexo, postice angustato et sinuato; palato lamina subcentrali et altera inconspicua ad angulum munito. — Long.  $\frac{1}{2}$ , lat.  $\frac{2}{10}$  poll.» (G.)

31. **Str. Michauï Crosse et Fischer.**

T. impervie umbilicata, oblique ovata, solida, longitudinaliter conferte et arcuatim costulato-striata, opaca, griseo-albida; spira ventroso - conica, apice acutiuscula; anfr.  $6\frac{1}{2}$  vix convexiusculi, penultimus subturgidus, latere aperturæ subplanatus, ultimus parum devians, juxta umbilicum subcompressus; apertura obliqua, truncato - oblonga, lamella parietali linguaeformi intrante coarctata; perist. incrassatum, marginibus callo nitido junctis, dextro expanso, antrorsum flexuoso, columellari substricto, reflexo. — Long.  $4\frac{2}{3}$ , diam. 8 mill. (Mus. Cuming.)

*Ennea Michauï Crosse et Fisch.* in Journ. Conch. XI. 1863. p. 270. \*) t. 10. f. 4. p. 357.

Habitat in insula Poulo Condor Cochinchinae.

Obs. Hæc species sicut *Ennea bulbulus* Mor. (conf. *Streptaxis bulbulus* Nr. 46) characteres generis Streptaxidis potius quam Enneae præ se ferre mihi videntur.

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32. (24.) **Souleyetianus Petit.** (Coll. Nr. 12.)  $A^2$ . 307. — *Helix Souleyetiana* Pet. — Ins. Sechell. (I. 8.)

33. (25.) **Maugerae Gray.** — Sierra Leone. (I. 8.)

34. (26.) **Petiti Gould.** — Gould Otia conch. p. 183. —  $A^2$ . 307. — Birmania. (I. 8.)

35. **Str. sinuosus Pfr.**

T. profunde arcuato-rimata, oblique oblonga, tenuiuscula, laevigata, nitida, vitreo-albida; spira subconoidea, vertice valde excentrico, minuto; anfr.  $5\frac{1}{2}$  convexiusculi, ad suturam striatuli, penultimus gibbosus, ultimus antrorsum aberrans, loco umbilici profunde excavatus; apertura diagonalis, late lunaris, lamina parva linguaeformi parietali coarctata; perist. flexuosum, callosum, reflexum, margine dextro superne tenui, sinuoso. — Diam. maj.  $8\frac{1}{2}$ , min.  $6\frac{1}{3}$ , alt. 5 mill. (Mus. Cuming.)

*Streptaxis sinuosa* Pfr. in Proc. Zool. Soc. 1864. p. 23. (Malak. Bl. VII. p. 239.)

Habitat in Cochinchina.

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\*) «T. impervie umbilicata, peroblique ovalis, obtusa, turgidula, solida, striis longitudinalibus, numerosis, tenuibus, subobliquis impressa, griseo-albicans, non nitida; spira subdepressa, apice obtusissimo, excentrico, sutura impressa; anfr. 6 convexiusculi; penultimus lateraliter subinflatus, ultimus antrorsum devians; apertura truncato - oblonga, lamella parietali, linguaeformi, parum intrante, coarctata; peristoma crassum, reflexum, squalide album, marginibus callo nitido junctis, margine dextro antrorsum subflexuoso, ad insertionem paululum diminuto. — Long. 7, diam. maj. 7 mill.» (Cr.)

36. **Str. Burmanicus Blanford.** †

«T. ovato-subglobosa, umbilicata, tenuis, cornea, albida, undique subtiliter et dense sinuato-costulata. Spira convexa, suturis vix impressis. Anfr. 6, ultimi 2 late excentrici, peripheria rotundati, penultimus ultimo latior, ultimus subtus planulatus, circa umbilicum angulato-compressus. Apertura obliqua, irregulariter semiovalis, dente parietali lamellari unico intrante; peristoma album, tenue, undique expansum, superne profunde sinuatum, margine supero compressum et antrorsum curvatum, interdum callo parvulo dentiformi interne munitum; margines subparalleli, distantes, callo tenui juncti. — Diam. maj. 10, min. 7, alt. 6 mill.» (Bl. angl.)

*Streptaxis Burmanica* W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 17.

Habitat Tongoop, Arakan.

37. **Str. Pfeifferi Zelebor.**

T. perforata, ovata, tenuiuscula, arcuato-costulata, albida; spira excentrica, convexo-conoidea, vertice subtili; sutura canaliculata; anfr. 6 convexiusculi, ultimus deorsum devians, antice medio obsolete angulatus, basi laevigatus; apertura obliqua, lunaris, lamella leviter intrante parietali juxta insertionem marginis dextri coarctata; perist. breviter reflexum, margine dextro superne tenui, sinuato. — Diam. maj. 9, min.  $6\frac{2}{3}$ , alt.  $5\frac{1}{2}$  mill.

*Streptaxis Pfeifferi* Zelebor mss.

Habitat in insulis Nicobaricis.

38. **Str. Andamanicus Benson.** †

«Testa rimato-umbilicata, depresse ovato-oblonga, oblique arcuatim costulato-striata; spira laterali, obtuse conoidea, sutura profunda; anfractibus 6, convexiusculis, prope suturam angulatis, primis regularibus, antepenultimo gibbo, ad peripheriam non angulato, duobus ultimis lateraliter longe divergentibus, ultimo laevigato; apertura perobliqua, truncato-oblonga, lamella 4 parietali intrante, peristomate tenui, acuto, expansiusculo, marginibus subparallelis, dextro antrorsum valde arcuato, sinistro reflexiusculo, margine umbilicali compressiusculo. — Long. 7, diam.  $4\frac{1}{2}$  mill.» (B.)

*Streptaxis Andamanica* Bens. in Ann. and Mag. n. h. 3d. ser. VI. (Sept. 1860.) p. 192.

Habitat in insulis Andamanicis.

39. (27.) **Layardianus** Bens. — Ceylon. (IV. 332.)  
 40. (28.) **Fortunei** Pfr. — China. (IV. 332.)  
 41. (29.) **glaber** Pfr. — Porto Cabello. (III. 287.)  
 42. (30.) **deformis** Fér. (Coll. Nr. 43.) *A*<sup>2</sup>. 307. — *Guppy* in Ann. and Mag. n. h. 1866. p. 53. (Dentes.) — *Helix deformis* Fér. — Venezuela, Surinam, insula Trinidad (Gill teste Bland). (IV. 332.)

43. **Str. Sinensis** Gould. †

«Testa obliqua, polita, virescens, spira depressa, ovoidea, anfr. 7 acutis, sutura profunda minute crenulata. Apertura obliqua, semi-ovalis, verticalis, lamella unica palatali munita; peristomate flexuoso, reflexo; columella recta; umbilico amplo. — Diam.  $\frac{1}{4}$ , axis  $\frac{3}{10}$  poll.» (G.)

*Streptaxis Sinensis* Gould in Proc. Bost. Soc. VI. 1859. p. 424;  
 Otia conch. p. 103.

— — *Mart. Ostas. Zool. II. p. 57.*

Habitat Hong Kong.

Obs. «Differt a *Str. Souleyetiana* statura minore, superficie laevi, labio flexuoso et apertura magis elongata.»

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44. (31.) **comboides** Orb. (Coll. Nr. 44.) *A*<sup>2</sup>. 307. — *Helix comboides* Orb. — Bolivia. (I. 8.)

45. **Str. decipiens** Crosse.

«T. perforata, depresso-ovata, subventricosa, vix striatula, glabra, nitida, albido - cerea; spira lateralis, obtusa; anfr.  $6\frac{1}{2}$  convexiusculi, embryonales  $4\frac{1}{2}$  laevigati, sequentes tenuissime striatuli, ultimus antrorsum devians, antice rotundatus, laevis; perforatio sat magna, non pervia; apertura perobliqua, irregulariter subquadrato-semiovalis, lamella parum intrante parietis aperturalis coarctata; perist. late expansum, reflexum, crassiusculum, album, margine columellari subobliquo, cum basali incrassato angulum obtusum formante, supero antrorsum arcuato, valide unidentato. — Diam. maj.  $43\frac{1}{2}$ , min. 44, alt.  $8\frac{1}{2}$  mill.» (Cr.)

*Streptaxis decipiens* Crosse in Journ. Conch. XIII. 1865. p. 228;  
 XV. 1867. p. 202. t. 5. f. 4.

Habitat in Chile (Wright)?

Obs. «*S. comboides* Orb., Boliviae incola, nostrae speciei valde affinis.»

§. 4.

46. **Str. bulbulus** Morelet.

T. aperte perforata, globoso-ovata, solida, arcuatim costulata, nitidula, albida; spira subregulariter ventroso - conica,

vertice minuto, obtusulo; anfr.  $6\frac{1}{2}$  convexiusculi, penultimus latere aperturae subplanatus, ultimus lateraliter vix devians, circa perforationem compressus et carinatus; apertura parum obliqua, truncato-ovalis, ringens; paries aperturalis lamina linguaeformi intrante et tuberculo ei contiguo munitus; perist. crassum, reflexum, intus callosum, marginibus callo junctis, subparallelis, dextro superne sinuoso, tum denticulum gerente, columellari et basali denticulis singulis approximatis, illi aequalibus, munitis. — Long.  $46\frac{1}{2}$ , diam. 44 mill. (Mus. Cuming.)

*Ennea bulbulus* Morel. in Rev. et Mag. Zool. XIV. 1862. p. 477. \*)

— — Crosse et Fisch. in Journ. Conch. XI. 1863. p. 272. t. 10. f. 3. p. 355. t. 14. f. 5.

Habitat in insula Poulo Condor Cochinchinae.

#### 47. *Str. Mouhoti* Pfr.

T. pervie umbilicata, oblongo-ovata, tenuiuscula, confertim et oblique costulato-striata, alabastrina; spira elevata, apice obtuse conoideo; sutura impressa, submarginata; anfr.  $6\frac{1}{2}$  convexiusculi, primi 4 regulares, ultimi deorsum deviantes, ultimus juxta aperturam planulatus, laevigatus; apertura obliqua, truncato-oblonga, lamina parietali mediocri, linguaeformi coarctata; perist. callosum, reflexum, margine dextro superne leviter antrorsum arcuato, intus obsolete denticulato. — Diam. maj. 13, min. 9, alt. 8 mill. (Coll. Nr. 15.)

*Streptaxis Mouhoti* Pfr. in Proc. Zool. Soc. 1862. p. 273.

β. Margine dextro distinctius bidenticulato, basali unidentato.

*Streptaxis Johswichi* Mart. in Monatsber. Berl. Ak. 18 Jul. 1864. p. 528.

— *Mouhoti* Mart. Ostas. Zool. II. p. 84.\*\*\*) t. 22. f. 12.

Habitat Siam (prope Petchaburi).

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\*) «Testa aperte perforata, oblique ovalis, obtusa, turgida, solida, arcuatim costulata, nitidula, alba; spira conum brevem et obtusissimum formans; sutura leviter impressa; anfr.  $6\frac{1}{2}$  parum convexi, ultimus inflatus, spira paulo minor, basi attenuatus, circa perforationem compressus et carinatus; apertura subverticalis, truncato-ovalis, dentibus 4 coarctata; 1 lamellaris, validus ad marginem parietis; caeteris parvulis et subaequidistantibus, in palato; perist. incrassatum, expansum, reflexum, margine dextro sinuato, callum triangularem, laminae parietali connexum, ad insertionem emittente. — Long. 15, diam. 10 mill.» (Mor.)

\*\*) «Testa oblique ovato-cylindrica, umbilicata, albida, confertim oblique costulato-striata, nitidula; anfr.  $6\frac{1}{2}$ , convexiusculi, sutura sat pro-



48. (32.) **dejectus** Petit. (Coll. Nr. 16.)  $A^2$ . 307. — *Helix dejecta* Pet. — Brasilia. (I. 9.)  
 49. (33.) **Troberti** Petit. † — *Helix Troberti* Pet. — Guinea. (I. 10.)  
 50. (34.) **Leonensis** Pfr. — Sierra Leone. (IV. 333.)

51. **Str. eburneus** Pfr.

T. oblique perforata, subglobosa, superne minute striata, eburneo-albida; spira convexo-conica; anfr.  $6\frac{1}{2}$  parum convexi,  $4\frac{1}{2}$  ultimi antrorsum deviantes, ultimus inflatus, laevigatus; apertura perobliqua, subtriangulari-lunaris, dente linguae-formi parietali coarctata; perist. callosum, album, expansum et reflexum, margine supero intus dente 1 acuto munito. — Diam. maj. 11, min. 9, alt. 7 mill. (Mus. Cuming.)

*Streptaxis eburnea* Pfr. in Proc. Zool. Soc. 1861. p. 23. (Malak. Bl. VII. p. 240.)

Habitat in Cochinchina.

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52. (35.) **Cingalensis** Bens. (Coll. Nr. 17.)  $A^2$ . 307. — Ceylon. (IV. 333.)  
 53. (36.) **streptodon** Moric. † —  $A^2$ . 307. — *Helix streptodon* Moric. — Brasilia. (III. 288.)  
 54. (37.) **Cumingianus** Pfr. (Coll. Nr. 18.) —  $A^2$ . 307. — Habitat? (III. 288.)  
 55. (38.) **distortus** Jonas. —  $A^2$ . 307. — *Helix distorta* Jon. — Guinea, ins. Rodriguez. (I. 10.)  
 56. (39.) **Perrotteti** Petit. (Coll. Nr. 19.)  $A^2$ . 307. — *Helix Perrotteti* Pet. — Nilgherries Indiae. (I. 9. III. 288.)

57. **Str. Watsoni** W. et H. Blanford. †

«T. subumbilicata, compresse ovata, corneo-albida, nitida, superne transverse arcuato-striata, infra obsolete striatula, interdum ad ultimum anfractum lineis albis versus suturam cincta; spira fere plana; sutura impressa; anfr. 6 convexiusculi, 2 ultimi e axi deviantes, ultimus rotundatus; apertura obliqua, elongato-lunaris, juxta anfr. penultimum acute retro sinuata, margine basali paulo arcuata; perist. reflexum, subincrassatum, albidum, tridentatum, singulis dentibus depressionibus pone peristoma externe correspondentibus; dentes 2

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funda, superiores spiram obtusam, breviter conoideam efficientes, ultimus devians, ad suturam subangulatus, striis fortioribus et arcuatis, latere ventrali (aperturali) sublaevigatus; umbilicus sat apertus, pervius, cylindricus; apertura sat obliqua, semielliptica; paries aperturalis plica unica, intrante, valida, compressa munitus; peristoma latiuscule reflexum, solum ad insertionem marginis superioris (sive externi) attenuatum, subsimplex, margine externo ipso plerumque bidenticulato, *basali unidentato*, columellari inermi. — Alt. 15, diam. maj.  $12\frac{1}{2}$ , min. 8; apert. alt. 7, ampl.  $5\frac{1}{2}$  mill.» (v. M.)

lamelliformes margine dextro, 1 columellari quasi basali; marginibus peristomatis callo, duas lamellas approximatas juxta suturam gerente, junctis. — Diam. maj.  $6\frac{1}{2}$ , min.  $4\frac{1}{2}$ , alt. 3 mill.» (Bl.)

β. Peristomate quinquedentato, dente uno minimo versus sinum aperturæ, tribus normalibus, uno minuto juxta umbilicum; dente ad marginem columellarem alteris latiore.

*Streptaxis Watsoni* W. et H. Blanf. Contrib. to Ind. Malac. Nr. 1. 1860. p. 11.

Habitat in montibus «Nilgiri», var. ad montes «Koondah.»

Obs. «Differt a *Str. Perrotteti* statura minore, dentibus magis evolutis et lamellis 2 parietalibus.»

#### 58. **Str. Footei** W. et H. Blanford. †

«Testa anguste umbilicata, depresso pyriformis, tenuiuscula, glabra, cereo-albida; depressissime conoidea, apice laterali. Sutura submarginata. Anfr.  $5\frac{1}{2}$  convexiusculi, penultimus latere dextro inflatus, ultimus latere sinistro infra planatus, pone peristoma subtus constrictus medio indentatus. Apertura oblonga, perobliqua; paries aperturalis lamellis 2 subparallelis, mediana intrante munitus; peristoma tenue, expansum, reflexum, margine dextro valde sinuato, intus 4-dentato. — Alt. 5, diam. maj. 6, apert. alt. 3 mill.» (Bl.)

*Streptaxis Footei* W. et H. Blanf. Contrib. to Ind. Malac. Nr. 2. 1861. p. 12. t. 2. f. 6.

Habitat in montibus «Patchamullay» Indiae meridionalis (Foote).

Obs. «An haec et praecedens varietates *Str. Perrotteti*?»

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59. (40.) **piriformis** Pfr. — A<sup>2</sup>. 307. — Ins. Rodriguez. (I. 40.)

#### 60. **Str. Elisa** Gould. †

«T. modica, valde distorta et compressa, supra tenuiter striata, infra glabrata et late perforata; spira discoidea; anfr. 7 juxta suturam profundam angulatis, ultimo lateraliter valde protenso; apertura transversa, subquadrata, peritremate everso, intus denticulis quatuor cruciatim dispositis armato, quinto minimo interdum postice addito. — Long.  $\frac{1}{2}$ , alt.  $\frac{1}{4}$  poll.» (G.)

*Streptaxis Elisa* Gould in Proc. Bost. Soc. VI. Oct. 1856. p. 12; Otia conch. p. 220.

Habitat in Archipelago Merguiensi (J. Benjamin).

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61. (41.) **aberratus** Soul. — A<sup>2</sup>. 307. — *Helix aberrata* Soul. — Cochinchina. (I. 40.)

62. **Str. Siamensis Pfr.**

T. impervie umbilicata, depresso - piriformis, solidiuscula, leviter costulato-striata, diaphana, albida; spira conoidea, vertice minuto, valde excentrico; sutura levis, submarginata; anfr.  $6\frac{1}{2}$ , penultimus exsertus, subacute carinatus, ultimus antrorsum devians, subtus laevigatus, nitidus; apertura truncato-oblonga, lamella parietali linguaeformi, parum intrante coarctata; perist. albo-callosum, reflexum, marginibus subparallelis, dextro antrorsum flexuoso, dentibus 2 (supero parvulo, altero majore), basali dente 4 et columellari obliquo 4 (omnibus marginalibus) munito. — Diam. maj.  $11\frac{1}{2}$ , min.  $8\frac{1}{3}$ , alt. 6 mill. (Coll. Bernardi).

*Streptaxis Siamensis Pfr.* in Journ. Conch. X. 1862. p. 42.  
t. 6. f. 3.

— — *Mart. Ostas. Zool. II. p. 85. \**

Habitat Siam.

63. **Str. Theobaldi Benson. †**

«Testa arcuate rimato-perforata, depressa, oblique pyri-formi, valde transversa, tenuistriata, striis ad suturam et ad umbilicum validioribus, albida, nitente; spira convexa, apice prominulo, sutura impressa, submarginata; anfractibus  $5\frac{1}{2}$ , primis lente accrescentibus, antepenultimo ad sinistram subito majori, ultimo tumidulo, parum deviante, antice longe ascendente, basi prope umbilicum compressa, circa peristoma extus triscrobiculata; apertura subtriangulari, obliqua, septemdentata, peristomate expanso, reflexo, superne ad angulum valde sinuato, tum antrorsum arcuato, marginibus callo tenui junctis, dextro tridentato; dente tertio majori, basali bidentato, parietali bipliato, plica superiori angulari, prorsus descendente, tum intus transverse producta, inferiori validiori, elongata, flexuosa. — Diam. maj. 6, min.  $4\frac{1}{3}$ , axis 3 mill.» (B.)

*Streptaxis Theobaldi Bens.* in Ann. and Mag. n. h. 1859.  
Mart. p. 187. (Malak. Bl. 1859. p. 35.)

Habitat ad Naclai montium Khasia (W. Theobald).

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\*) «Testa oblonga, costulato-striata, alba; anfr.  $6\frac{1}{2}$ , penultimus ad peripheriam cingulo grosso instructus, ultimus valde devians, *laevigatus*; umbilicus mediocris, cylindricus; apertura parum obliqua; paries aperturalis plica valida munitus; peristoma reflexum, tridentatum, margine externo bidentato, *columellari unidentato*. — Alt. 8, diam. maj. 11, min. 8 mill.» (v. M.)

64. **Str. Deplanchei Drouët. †**

«T. umbilicata, semiglobosa, solidula, diaphana, laevis, nitidissima, subhyalina, albida; spira irregularis, convexa; anfr. 5, 2 ultimis deviantibus, ultimo juxta aperturam gibboso; apert. subtrigonalis, personata, tridentata: dens superior angulosus, validus; intermedius minor, immersus; inferior elongatus; perist. reflexum, album. — Diam. 5, alt.  $3\frac{1}{2}$  mill.» (D.)

*Streptaxis Deplanchei Drouët* Moll. Guyane franç. p. 56. t. 4. f. 6—9.

Habitat «Ilet-la-Mère» prope Cayenne (Déplanche).

## §. 5.

65. (42.) **discus Pfr.** — A<sup>2</sup>. 307. — Habitat? (III. 289.)

66. **Str. Crossei Pfr.**

T. aperte umbilicata, subregularis, conoidea, solidula, superne confertim plicata, cereo-hyalina; spira regulariter conoidea, vertice acutiusculo; anfr. 7 vix convexiusculi, lente accrescentes, ultimus latere vix devians, antice deflexus, subtus convexior, laevigatus; apertura obliqua, transverse auriformis; perist. albo-callosum, marginibus lamina elevata dentem linguaeformem intransientem emittente junctis, reflexis, dextro dente 1 minuto, basali dente transverso bituberculato instructo. — Diam. maj.  $8\frac{1}{2}$ , min.  $7\frac{2}{3}$ , alt.  $2\frac{2}{3}$  mill. (Coll. Nr. 20.)

*Streptaxis Crossei Pfr.* in Journ. Conch. XV. 1867. p. 43. t. 4. f. 4.

Habitat prope Rio de Janeiro Brasiliae.

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67. (43.) **cryptodon Moric.** — A<sup>2</sup>. 307. — *Helix cryptodon Moric.* — Brasilia. (III. 289.)

## XV. Ennea H. et A. Adams.

*Pfr.* Mon. Helic. IV. p. 334. — *Albers* Helic. ed. *Mart.* 1860 sectiones Pupae: *Gulella* p. 298, *Ennea* p. 304, *Edentulina* p. 302 et *Gonospirae* pars. — *Morelet* Sér. conch. II. 1860. p. 73: genus restrictum.

*Conspectus specierum:***A. Margine parietali edentulo.**

1. Peristomate edentulo (*Edentulina*) . . . . . §. 1. Nr. 1—10.
2. Peristomate dentato . . . . . §. 2. — 11.

**B. Margine parietali lamellato.**

1. Margine dextro edentulo (*Uniplicaria*) . . . . . §. 3. — 12—17.
2. Margine dextro profunde lamellato (*Enneastrum*) . . . . . §. 4. — 18.
3. Margine dextro dentato.
  - a. Ovatae, multidentatae (*Gulella*) §. 5. — 19—31.
  - b. Cylindricae, quadridentatae (*Huttonella*) . . . . . §. 6. — 32—39.

## §. 1.

1. (1.) **ovoidea Brug.** (Coll. Nr. 1.) *Morel. Sér. conch. II. p. 74.*  
 — *Bulimus ovoideus Brug., grandis Desh. — Pupa grandis Pfr.*  
 — *Pupa ovoidea* (Edentulina) *A<sup>2</sup>. 305. — Socotora, Madagascar.*  
 (I. 45. 301.)

**2. E. tumida Morelet. †**

« T. rimato-perforata, solida, ovato-subfusiformis, sub epidermide tenui, sericina, fulva, partim detrita, albida, cretacea, levis; spira oblongo - conoidea, ab axi devians; sutura irregularis, stricte marginata; anfr. 7 convexiusculi, ultimus inflatus, rotundatus, basi compressus, supra aperturam vix planatus, antice arcuatim ascendens; columella oblique plicata; apertura oblonga, longitudinis  $\frac{4}{9}$  paulo superans, marginibus parallelis, inaequalibus; peristoma subincrassatum, undique expansum, breviter reflexum. — Longit. 36, diam. 18; longit. apert. 17 mill. » (M.)

*Ennea tumida Morel. Sér. conch. II. 1860. p. 75. t. 5. f. 7.*

Habitat . . . ?

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3. (2.) **insignis Pfr.** — *Pfr. Novit. conch. p. 112. t. 32. f. 1. 2. — Gaboon. (IV. 335.)*
4. (3.) **intermedia Morel. †** — *Morel. Sér. conch. II. p. 76. t. 5. f. 6. — Pupa intermedia Morel., (Edentulina) A<sup>2</sup>. 303. — Madagascar. (III. 529.)*
5. (4.) **minor Morel.** — *Morel. Sér. conch. II. p. 77. t. 5. f. 11. — Pupa minor Morel., (Edentulina) A<sup>2</sup>. 303. — Madagascar. (III. 529.)*
6. (5.) **Liberiana Lea.** (Coll. Nr. 2.) *Bulimus Liberianus Lea, Morel. Sér. conch. I. p. 14. — Bulimus pupulus Morel., Pfr. Mon. III.*

p. 360. — *Ennea pupula* Pfr. Mon. IV. p. 336. — *Pupa liberiana et pupula* (Edentulina) A<sup>2</sup>. 303. — Liberia et Gabon Guineae. (II. 116. III. 359.)

(6. *pupula* Morel. vid. *E. Liberiana* Lea.)

7. (7.) **anodon** Pfr. — Morel. Sér. conch. II. p. 78. — *Pupa anodon* (Edentulina) A<sup>2</sup>. 303. — Ins. Maurilii et Mayotte. (IV. 336.)

### 8. **E. arenicola** Morelet. †

« T. breviter rimata, cylindracea, tenuis, arcuatim costulato-striata, nitida, cerea, pallide lutescens; spira subcylindrica, apice conoideo-rotundata; sutura impressa, margine infero confertim denticulato; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus teres, basi attenuatus, antice breviter ascendens, longitudinis  $\frac{3}{7}$  paulo superans; columella compressa, oblique recedens; apertura irregulariter ovalis; peristoma tenue, reflexiusculum, margine columellari brevior, explicato, dextro supra medium dilatato. — Long. 13, diam. vix 7; longit. apert.  $5\frac{1}{2}$  mill. » (M.)

*Ennea arenicola* Morel. Sér. conch. II. 1860. p. 80. t. 5. f. 9. Habitat Port-Léven insulae Madagascar (E. Vesco).

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9. (8.) **Reeveana** Pfr. — Habitat? (IV. 336.)

10. **Dussumieri** Reeve. (Coll. Nr. 3.) Morel. Sér. conch. II. p. 79. t. 5. f. 8. — *Bulimus Dussumieri* Reeve, Pfr. Mon. III. p. 362. — *Pupa Dussumieri* Pfr. Mon. IV. p. 661. — Edentulina A<sup>2</sup>. 303. — Ins. Sechell.

### §. 2.

11? (9.) **Passamaiana** Petit. † — *Pupa Passamaiana* Pet. — Socotora. (IV. 337.)

### §. 3.

12. (10.) **cerea** Dunk. (Coll. Nr. 4.) Morel. Sér. conch. II. p. 82: Moheli Comorensium. — *Pupa cerea* Dunk., (Ennea) A<sup>2</sup>. 302. — Zanzibar, Madagascar. (III. 541.)

13. (11.) **Planti** Pfr. (Coll. Nr. 5.) *Pupa Planti* (Ennea) A<sup>2</sup>. 302. — Natal. (IV. 337.)

14. (12.) **pumilio** Gould. — *Pupa pumilio* Gould Otia conch. p. 193. — Ennea A<sup>2</sup>. 302. — Liberia. (III. 541.)

### 15. **E. microdon** Morelet. †

« T. breviter rimata, cylindracea, antérieus subplanata, tenuis, minute et dense costulato-striata, nitida, cerea, diaphana, albido-grisea; spira cylindracea, apice conoideo-rotundata; sutura impressa, submarginata, moniliata; anfr.  $5\frac{1}{2}$  convexiusculi, ultimus basi rotundatus, antice subascendens; columella compressa, oblique recedens; paries aperturalis dente



elongato, obsoleto munitus; peristoma subincrassatum, albidum, reflexiusculum, margine columellari brevior, sursum dilatato, fere adnato. — Longit. 13, diam. 5; longit. apert. 5 mill» (M.)

*Ennea microdon* Morel. Sér. conch. II. 1860. p. 81. t. 5. f. 10.  
Habitat in insula Madagascar (E. Vesco).

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16. (13.) **crystallum** Morel. (Coll. Nr. 6.) *Dohrn* in Malak. Bl. XIII. 1866. p. 132. — *Pupa crystallum* Morel. Sér. conch. I. 1858. p. 27. t. 3. f. 5. — *Ennea* A<sup>2</sup>. 302. — *Pupa hyalina* Pfr. olim. — Insula Principis. (III. 534.)

#### 17. **E. sorghum** Morelet. †

«Testa breviter rimata, tenuis, ovata, oblique striata, parum nitens, pellucida, pallide cornea; sutura submarginata, crenulata; spira conica, obtusa; anfr. 6½ convexiusculi, ultimus ⅓ longitudinis subaequans, circa perforationem subcompressus; apertura axi parallela, truncato-ovalis, pariete aperturali dente parvulo munito; peristoma simplex, undique expansiusculum, marginibus callo tenui junctis. — Long. 5, diam. 2½; ap. diam. 1½ mill.» (D.)

*Pupa sorghum* Morel., Pfr. Mon. Helic. III. p. 535; IV. p. 665.

— — — Morel. Sér. conch. I. p. 27. t. 3. f. 10.

*Ennea sorghum* *Dohrn* in Malak. Bl. XIII. 1866. p. 132.

Habitat in insula Principis sinus Guineensis.

#### §. 4.

18. (14.) **elegantula** Pfr. (Coll. Nr. 7.) *Pupa elegantula* Pfr., (*Ennea*) A<sup>2</sup>. 302. — *Pupa lacryma* Gould. — Liberia. (III. 550.)

#### §. 5.

19. (15.) **capitata** Gould. (Coll. Nr. 8.) *Pupa capitata* Gould Otia conch. p. 193, (*Ennea*) A<sup>2</sup>. 302. — *Vertigo capitata* Ad. — Liberia. (III. 550.)

20. (16.) **Menkeana** Pfr. Novit. conch. p. 113. — *Pupa Menkeana* Pfr., (*Gulella*) A<sup>2</sup>. 298. — *Vertigo Menkeana* Ad. — Natal. (III. 551.)

#### 21. **E. pupaeformis** Morelet. †

«T. sinuose rimata, cylindrica, obtusa, solidiuscula, oblique confertim costulata; parum nitida, albido-cerea; spira cylindrica, conum obtusum exhibens; anfr. 8½ vix convexi, 3 priores laevigati, ultimus paululum ascendens, juxta rimam compressus, basi bicristatus et biscribiculatus, ⅓ longitudinis aequans; apert. verticalis, ovato-circularis; lamina valida in-

trante juxta angulum parietis, denticulo marginis dextri, callo columellari profundo, bifido, et plicis duabus palati (quarum supera, marginem attingens, dentem obtusum simulat) coarctata; perist. callosum, undique expansum, margine columellari patente. — Long. 17, diam. 7 mill.» (M.)

*Ennea pupaeformis* Morel. in Journ. Conch. XIV. 1866. p. 154. Habitat in provincia Angola Africae aequatorialis (Dr. Welwitsch).

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22. (17.) **Albersi Pfr.** — *Pupa Albersi Pfr.*, (Gulella) *A*<sup>2</sup>. 298. — Natal. (IV. 338.)
23. (18.) **Wahlbergi Krauss.** (Coll. Nr. 9.) *Pupa Wahlbergi Kr.*, (Gulella) *A*<sup>2</sup>. 298. — *Vertigo Wahlbergi Ad.* — Natal. (II. 352.)
24. (19.) **Adamsiana Pfr.** (Coll. Nr. 10.) *Pfr. Novit. conch.* p. 114. — Natal. (IV. 339.)
25. (20.) **Dunkeri Pfr.** (Coll. Nr. 11.) *Pupa Dunkeri* (Gulella) *A*<sup>2</sup>. 298. — Natal. (IV. 339.)
26. (21.) **Gouldi Pfr.** (Coll. Nr. 12.) Natal. (IV. 339.)
27. (22.) **crassidens Pfr.** (Coll. Nr. 13.) *Pfr. Novit. conch.* p. 114. — *Pupa crassidens* (Gulella) *A*<sup>2</sup>. 299. — Natal. (IV. 340.)
28. (23.) **delicatula Pfr.** *Novit. conch.* p. 117. — Natal. (IV. 340.)

### 29. **E. infrendens Martens.**

«Testa rimata, cylindrico-ovata, laevigata, nitida, hyalina; spira breviter conoidea, obtusa; anfr.  $7\frac{1}{2}$ , vix convexiusculi, ultimi tres aequaliter ampli, ultimus versus aperturam paulo angustatus, paulum deflexus, extus scrobiculo profundo unico munitus; apertura verticalis, dentibus valde coarctata: lamella 1 alta compressa ad angulum parietis, plica crassa bipartita profunda in columella, denticulis 2 acutiusculis aequalibus in peristomatis parte columellari-basali inter se approximatis, denique dentibus duobus, superiore latiore, in margine dextro s. externo; peristoma album, undique reflexum. — Long. 7, diam.  $3\frac{1}{2}$ ; apert. long.  $2\frac{1}{2}$ , lat. 2 mill.» (v. Mart. — Coll. Nr. 14.)

*Pupa (Ennea) infrendens Mart.* in Malak. Bl. XIII. 1866. p. 110. t. 3. f. 10—12.

Habitat Natal (Queinzius).

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30. (24.) **obovata Pfr.** (Coll. Nr. 15.) *Pupa obovata Pfr.*, (Ennea) *A*<sup>2</sup>. 302. — Liberia. (IV. 340.)

### 31. **E. laevigata Dohrn. †**

«Testa sinuate rimata, cylindrica, solidula, laevigata, sub epidermide cereo-albida; apex obtusus; sutura impressa, simplex; anfr. 8—9, vix convexi, ultimus antice subascendens, basi angulatus et biscrobiculatus; apertura vix obliqua, oblongo-

rotundata, plicis 5 coarctata, 1 lamelliformi subverticali in angulo insertionis, 1 profunda transversa ad columelliam, 1 parva dentiformi in margine sinistro, 2 valde appropinquatis in margine dextro, supera majore, tuberculata, infera minore; peristomium undique reflexum expansiusculum. — Long.  $\frac{5}{16}$ , lat.  $\frac{1}{8}$ , apert. diam.  $\frac{3}{32}$  poll.» (D.)

*Ennea laevigata* Dohrn in Proc. Zool. Soc. 1865. p. 232.

Habitat in insula lacus Nyassae Africae tropicae (Kirk).

### §. 6.

32. (25.) **Kraussi Pfr.** (Coll. Nr. 16.) *Pupa Kraussi* (Ennea) A<sup>2</sup>. 302. — Natal. (IV. 344.)

33. (26.) **Pfeifferi Krauss.** (Coll. Nr. 17.) *Pupa Pfeifferi* Krauss. — *Vertigo Pfeifferi* Ad. — Promont. bonae spei. (II. 352.)

34. (27.) **Pirriei Pfr.** (Coll. Nr. 18.) *Pfr.* Novit. conch. p. 115. — *Pupa Pirriei* Pfr., (Gonospira) A<sup>2</sup>. 301. — Mont. Koondah Indiae. (IV. 344.)

### 35. **E. vara Benson.** †

«Testa arcuato - rimata, attenuato - cylindrica, costata, albida; spira sensim attenuata, apice obtuso, sutura valde impressa; anfractibus 8, primis convexis, tum convexiusculis, ultimo compresso, laevigato, antice breviter ascendente, latere scrobiculato, basi pone rimam strictiuscula; apertura subaxiali, non laterali, verticali, distorte auriculari, peristomate undique incrassato - dilatato, margine dextro superne profunde sinuato, medio intus arcuato, plicam obtusam palatalem decurrentem exhibente, parietali callo crasso longe ascendente, et plica angulari valida, profunde intrante, ad plicam palatalem prope approximante, munito. — Long. 5, diam.  $1\frac{1}{2}$  mill.» (B.)

*Pupa (Ennea) vara* Bens. in Ann. and Mag. n. h. 3d. ser. III. (Mart. 1859.) p. 188. (Malak. Bl. 1859. p. 36.)

Habitat ad Naclai montium Khasia.

### 36. **E. stenopylis Benson.** †

«Testa longe curvato - rimata, cylindraceo - ovata, arcuatim costulata, sub epidermide cereo - cornea albida; apice conoideo - obtuso, sutura impressa; anfractibus 6 angustis, convexiusculis, ultimo minore compresso, antice leviter ascendente, latere dextro antice substrangulato, valde scrobiculato, basi anguste compressa; apertura verticali, subaxiali, triangulari - obovata, subcordiformi,  $\frac{1}{3}$  testae superante, peristomate undique expanso calloso reflexiusculo, margine dextrali superne profunde sinuato, plica angulari parietali valida, superne sub-bicruri, margines

peristomatis jungente, subtus lamelliformi profunde intrante, denteque palatali unico intus longe et contigue concurrentibus, aperturam coarctatam inaequaliter oblique dividantibus, aream minorem quasi perforatam prope sinum dextralem, ab area sinistra majore ovato-oblonga, secernentibus, — Long.  $3\frac{1}{2}$ , diam.  $1\frac{1}{2}$  mill.» (B.)

*Ennea stenopylis* Bens. in Ann. and Mag. n. h. 3d. ser. V. (Jun. 1860.) p. 460.

Habitat prope Darjiling (Blanford).

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37. (28.) **bicolor** Hutt. (Coll. Nr. 49.) *Pfr.* Novit. conch. p. 445. — *Carychium gigas* Fér. Bull. un. sc. et ind. 2e sect. Fevr. et Mars 1827. p. 40. — *Pupa bicolor* Hutt., Morel. Sér. conch. II. p. 93: rara in ins. Mauritii. — *Gonospora* A<sup>2</sup>. 304. — *Mart.* Ostas. Zool. II. p. 384 \*). — *Pupa Largillierii* Phil. — India orientalis et ins. St. Thomas. (II. 352.)
38. (29.) **mellita** Gould. † — *Pupa mellita* Gould Otia conch. p. 498. — *Gonospora* A<sup>2</sup>. 304. — *P. melitta* Ad. — Tavoy Birmanorum. (III. 545.)
39. (30.) **ceylanica** Pfr. (Coll. Nr. 20.) *Pupa ceylanica* Pfr., (*Gonospora*) A<sup>2</sup>. 304. — Ceylon. (IV. 342.)

## XVI. Streptostele Dohrn.

«Testa rimata vel imperforata, turrita, hyalina, subvaricosa; apertura ovata; columella recedens, torta, callosa, cum labro angulum formans; labrum incrassatum, margine dextro valde arcuato.» (D.)

*Streptostele* novum genus *Streptocionidarum* Dohrn in Malak. Bl. XIII. 1866. p. 128.

— *Pfr.* Novit. conch. Fasc. XXVI. p. 346.

*Bulimi* et *Achatinae* spec. *Auct.*

Tribus nova *Streptocionidarum* genera comprehendit characteribus sequentibus insignia: axis obliquus (ratione anfrac-

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\*) «Testa clause-rimata, cylindracco-turrita, subtiliter striatula, valde nitida, alba; spira apice obtusa; anfr. 7, vix convexiusculi, ad suturam distinctius striati; penultimus et ultimus subaequales; ultimus basi gibbus, ad aperturam nec ascendens nec descendens; apertura verticalis, quadrata, dentibus 4 coarctata: primus plicaeformis, compressus in pariete aperturali; alter subconicus validus in margine externo, extus foveam subquadratam efficiens; tertius parvus, obtuse conicus in margine basali; quartus profundus, linguaeformis, magnus in columella; peristoma reflexum, incrassatum. Var. abbreviata: long.  $6\frac{1}{2}$ , diam. 2; apert. alt.  $1\frac{1}{2}$ , ampl. 4 mill. — Pulo Pinang prope Malacca, Madura, Timor, Amboina.» (v. M.)

tuum), testa hyalina vel alabastrina, plerumque aricosa. Inter ea *Streptaxis* Helici, *Ennea* Pupae et *Streptostele* Bulimo vel *Achatinae* analogae apparent.

Species quatuor hucusque notae insulae Principis in sinu Guineensi incolae.

### 1. *Str. lotophaga* Morelet. †

«A. testa elongato-conica, solidula, longitudinaliter tenue et regulariter striata, corneo-straminea, unicolore; spira elongata, acutiuscula; anfractibus septem planulatis, subconjunctis; sutura depressa, tenuissime crenulata; ultimo anfractu brevi, antice obtuso; apertura ovata, basi dilatata, postice attenuata; columella brevi, recta, cylindracea, oblique basi truncata. — Long. 26, diam. 10 mill.» (Desh.)

*Bulimus lotophagus* Morel. in Rev. zool. 1848. p. 352; Sér. conch. I. 1858. p. 15. t. 1. f. 7.

*Achatina lotophaga* Desh. in Fér. Hist. II. p. 189. Nr. 56. t. 122. f. 15—17.

— *lotophaga* Pfr. Mon. Helic. III. p. 490; IV. p. 606. Nr. 51.

— — (Homorus) Alb. Helic. ed. Mart. p. 200.

*Streptostele lotophaga* Dohrn in Malak. Bl. XIII. 1866. p. 129.

Habitat in insula Principis.

Obs. Testa Glandinae similis, sed crassa, calcarea. Columella in junioribus distincte truncata, in adultis immediate in curvaturam peristomatis transiens. (Mor. 1858.)

### 2. *Str. fastigiata* Morelet.

«Testa subobtectae rimata, solidiuscula, oblongo-turrita, longitudinaliter arcuato-striata, cereo-nitens, hyalina; apex obtusulus; sutura crenulata; anfr. 10 subplani, ultimus  $\frac{2}{7}$  longitudinis aequans, pone aperturam medio profunde scrobiculatus; apertura lata, semiovalis; perist. incrassatum, callosum, margine dextro arcuato, ad insertionem labri emarginato, cum columella callo lato juncto. — Long. 25—26, diam. 7 mill. Apert. long. 7, lat.  $4\frac{1}{2}$  mill.» (D. — Coll. Nr. 1.)

β. Anfr. 9, long. 20, diam. 6; apert. long. 6, diam. 4 mill.

*Bulimus fastigiatus* Morel. in Rev. zool. 1848. p. 352; Sér. conch. I. p. 16. t. 1. f. 8.

— — Pfr. Mon. Helic. III. p. 391; IV. p. 453.

*Achatina fastigiata* Desh. in Fér. Hist. t. 137. f. 4—6.

*Streptostele fastigiata* Dohrn in Malak. Bl. XIII. 1866. p. 130.

*Streptostele fastigiata* Pfr. Novit. conch. Fasc. XXVI. p. 315.  
Nr. 428. t. 76. f. 6. 7.

Habitat in insula Principis.

Obs. «Animal rubro-aurantiacum.» (Dohrn.)

### 3. **Str. Folini Morelet.**

T. subimperfiorata, turrita, solidula, striata, diaphana, hyalina; spira subregulariter attenuata, apice acutiuscula; sutura crenulata, marginata; anfr. 8 convexiusculi, ultimus  $\frac{1}{3}$  longitudinis subaequans, latere non impressus; apertura obauriformis; columella torta, longe recedens, callosa; perist. expansiusculum, subincrassatum, marginibus callo tenui junctis, columellari dilatato, subadnato. — Long. 16, diam.  $4\frac{1}{2}$  mill. Apert.  $4\frac{1}{2}$  mill. longa, 3 lata. (Coll. Dohrn! et Coll. Nr. 2.)

*Bulimus Folini Morelet* Séries conch. I. 1858. p. 16. \*) t. 1. f. 5.

*Streptostele Folini Dohrn* in Malak. Bl. XIII. 1866. p. 131.

— — Pfr. Novit. conch. Fasc. XXVI. p. 316. Nr. 429.  
t. 76. f. 8. 9.

Habitat in insula Principis.

### 4. **Str. Moreletiana Dohrn.**

«Testa imperforata, oblongo-turrita, tenuis, costulato-striata, nitens, pellucida, hyalina; spira turrita, apice obtusulo; sutura impressa, marginata, distinctius costulata; anfr. 7 subplani, ultimus  $\frac{2}{7}$  longitudinis subaequans, basi vix attenuatus; apertura subverticalis, angulato-ovalis; columella torta, oblique truncata; perist. rectum, incrassatum, margine basali recedente, columellari calloso, cum labro callo tenui in angulo insertionis tuberculifero junctum. — Long.  $6\frac{1}{2}$ , diam.  $1\frac{3}{4}$ ; apert. long.  $1\frac{1}{2}$  mill.» (D.)

*Streptostele Moreletiana Dohrn* in Malak. Bl. XIII. 1866. p. 132.  
t. 5. f. 17—19.

Habitat in insula Principis.

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\*) «T. imperforata, turrito-subulata, apice acuminato, dense et minutissime striata, sericea, parum nitens, griseo-albida; anfr. 6 parum convexi, ad suturas crenulati, ultimus longitudinis  $\frac{1}{3}$  non aequans; columella verticalis, ad basim descendens; apertura parva, subsemiovalis; peristoma simplex, acutum, margine supero paululum repando, columellari in callum tenuissimum dilatato. — Longit. 17, diam. 5 mill.» (Mor.)

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## ADDENDA

### AD MONOGRAPHIAE HELICEORUM VOLUMEN QUINTUM.

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#### I. Testacella. (p. 1.)

*Benoit* Ill. test. estram. Sicil. I. 1857. p. 44: genus *Lima-*  
*ceorum*. — *Bourguignat* in Rev. et Mag. Zool. 2e sér. XIII.  
1861. p. 513.

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1. **Maugei Fér.** — *Gray* in *Turt. Man.* p. 5. t. 3. f. 18.

##### 4a. **T. episcia Bourguignat.** †

«Testa auriformi, ovata, crassa, supra fulva, convexa, irre-  
gulariter striato-sulcata, intus concava, albo-argentea; apice  
levi, exiguo, e columella maxime separato; anfractibus  $4\frac{1}{2}$ ;  
columella crassa, fere plana, non contorta, arcuata, ac cum  
margine dextro juncta. — Long. 9, lat. 6 mill.» (B.)

*Testacella episcia Bourg.* Moll. Alpes Marit. 1861. p. 28. t. 1.  
f. 1—4; Spicil. malac. 1862.

Habitat circa Nizzam.

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6. **bisulcata Risso.** — *Bourg.* Moll. Alp. Marit. 1861. p. 27. t. 1.  
f. 5—7.

##### 6a. **T. Fischeriana Bourguignat.** †

«Testa ovata, supra paululum convexa, cornea, ac con-  
centrice valide rugoso-striata; intus concava, albido-caerules-  
cente; apice levi, recurvo, e columella separato. Anfractibus  
 $4\frac{1}{2}$ ; columella albida, arcuata, antrorsum deflexa, non truncata.  
— Long. 6, lat.  $4\frac{1}{4}$  mill.» (B.)

*Testacella bisulcata var. maj.* Gass. et Fisch. Mon. Test. p. 46.  
t. 2. f. 5 D. (*Pfr.* Mon. Helic. V. p. 6.)

— *Fischeriana Bourg.* in Rev. et Mag. Zool. XIII. 1861.  
p. 516.

Habitat circa Constantine, in Algeria.

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7. **haliotidea Drap.** — *Benoit* Ill. test. Sicil. I. p. 45. t. 4. f. 4 ?  
 — *Testacellus haliotideus* Gray in *Turt. Man.* p. 124. t. 3. f. 20;  
 var. *scutulum* t. 3. f. 49.

7a. **T. drymonia Bourguignat. †**

«Testa trigonali, pellucida, supra cornea, complanata, concentrice valide striata, intus albo-caerulescente ac planata. Apice laevi, recurvo, e columella separato; anfractibus  $4\frac{1}{2}$ . — Columella albida, perarcuata, antrorsum paululum deflexa, ad basim sicut truncata. Margine externo acuto. — Long. 7, lat. 5 mill.» (B.)

*Testacella haliotidea* Costa Stat. fis. etc. dell' isola di Capri p. 66; 1840. Atlas, t. 5. f. 3.

— *drymonia* Bourg. in Rev. et Mag. Zool. XIII. 1864. p. 515.

Habitat in insula Capri sinus Neapolitani.

9. **T. Pecchiolii Bourguignat. †**

«Testa elongata, coarctata, supra paululum convexiuscula, cornea, concentrice rugoso-striatula, intus paululum concava albidula; apice recurvo, sicut mamillato, levi, sat acuto. Anfractu unico; columella albidula, parum arcuata, antrorsum deflexa. — Long. 5, lat.  $2\frac{1}{4}$  mill.» (B.)

*Testacella haliotidea* Bivon., Calc., Cantr., Phil., Pirajno de Mandr., Benoit, Aradas et Magg., etc. teste Bourg.

— *Pecchiolii* Bourg. in Rev. et Mag. Zool. XIII. 1864. p. 517.

Habitat in Italia, frequens prope Florentiam.

10. **T. Brondeli Bourguignat. †**

«Testa exigua, trigonali-ovata, pellucida, supra convexa, concentrice rugosa, intus concava, albidula; apice exiguo, levi, recurvo, adhaerente ad columellam; unico anfractu; columella albida, contorta, arcuata, ac omnino antrorsum perdeflexa, ad basim aperturæ non attingente, ac non truncata. — Long. 4, lat. 3 mill.» (B.)

*Testacella Brondeli* Bourg. in Rev. et Mag. Zool. XIII. 1864. p. 521.

Habitat rara circa Bona Algeriae (A. Brondel).

II. *Daudebardia*. (p. 9.)

*Benoit* Ill. test. estram. Sicil. I. p. 46: genus *Limaceorum*.

1. **rufa Drap.** — *Benoit* Ill. test. Sicil. p. 50. t. 4. f. 6. (Synon. *Testacella sicula Bivon. fil.* Nuov. moll. p. 6. f. 3.)  
 2. **brevipes Drap.** — *Benoit* Ill. test. Sicil. p. 48. t. 4. f. 5. (Synon. *Vitrina Maravignae Mandr.*) — *Helicophanta longipes Ziegl.* — *Daudebardia longipes Fisch.* et *Maravignae Fisch.*

2a. **D. nivalis Benoit.** †

«Testa umbilicata, subdepressa, vitrea, hyalina, diaphana, fragilissima, prope suturam substriata, corneo-virens; anfractus tres convexiusculi, ultimus major; apertura ovato-lunata, obliqua; peristoma simplex. — Diam. maj. 4, min. 3, alt. 2 mill. circa.» (B.)

*Daudebardia nivalis Benoit* Ill. test. Sicil. II. 1857. p. 53.  
 t. 4. f. 8.

Habitat in montibus «Madonie» Siciliae.

Obs. Cl. *Benoit* longitudinem et latitudinem testarum ubique *linearum* numero indicat; sed ex iconibus et e proportionibus specierum bene cognitarum evidenter elucet, verbum «*millim.*» semper esse substituendum.

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6. **sicula Benoit.** Ill. test. Sicil. I. p. 52. t. 4. f. 7. (Synon. *Vitrina elongata Calc.* Moll. di Palermo p. 44.)  
 (7. *Maravignae Mandr.* vid. *D. brevipes* Nr. 2.)

IV. *Vitrina*. (p. 12.)

*Benoit* Ill. test. estram. Sicil. II. 1857. p. 54: genus *Limaceorum*.

## §. 4.

1. **pellucida Müll.** — *Benoit* Ill. test. Sicil. p. 57. t. 4. f. 3. — *Helix limacoides Alt.*  
 10. **Musignani Mandr.** — *Benoit* Ill. test. Sicil. p. 60. t. 4. f. 4. Diam. maj. 4, min. 3, alt. 2 mill. (II. 496 non IV. 496.)

## §. 5.

76. **Ruivensis Couth.** — *Vitrina Teneriffae Lowe.*

78a. **V. Borbonica Morelet.** †

«T. subperforata, depressa, transversim oblonga, tenuis, diaphana, nitida, luteo-virens, tenerrime striatula et inconspicue

decussatula; spira obtusa; anfr.  $3\frac{1}{2}$  marginati, ultimus permagnus, dilatatus; apertura obliqua, ovato-rotundata; peristoma rectum, tenue, margine columellari anguste membranaceo-limbato, superne in laminam triangularem perforationem formantem stricte dilatato. — Diam. maj. 11, min. 8, altit. 5 mill.» (B.)

*Vitrina Borbonica* Morel. Sér. conch. II. 1860. p. 48. t. 4. f. 1. Habitat in insula Bourbon (E. Vesco).

Obs. «Comparanda cum *V. Blauneri* Shuttl., sed testa minus depressa, vertice prominentiore, apertura magis obliqua et dilatata differt.»

### §. 6.

82. **Milligani Pfr.** — *Nanina Milligana* (Paryphanta) A<sup>2</sup>. 48.

### §. 7.

102. **Sumichrasti Brot.** — *Xanthonyx Sumichrasti* Crosse et Fischer in Journ. Conch. XV. 1867. p. 218. 224. t. 10. f. 1—4 (animal, errore *Leptonyx*).

Obs. Cl. Crosse et Fischer ex indagatione animalis *Vitrinae Sumichrasti* novum genus pro ea et nonnullis speciebus similibus, hucusque ad *Simpulopsin* relatis, proposuerunt, cujus characteres (p. 223) sic indicantur:

«*Xanthonyx*. — Testa imperforata, tenuissima, pellucida, subdepressa, inter *Vitrinam* et *Simpulopsin* media; spira brevis, obtusa, vix prominula; anfractus pauci, rapide accrescentes; apertura ampla, subrotundata; columella leviter incrassata, subopaca, albo-limbata; margine externo antrorsum dilatato. — *Animal* testa sua multo majus, haud omnino inclusum, pede longo, postice acuminato; orificium pulmoneum versus partem pallii mediam dextrorsum situm; flagellum longum; maxilla arcuata, costata; taeniola lingualis dentibus basi subquadratis, inaequaliter bicuspidatis (dente medio tricuspido) instructa.»

## V. *Simpulopsis*. (p. 21.)

11. **Salleana Pfr.** — *Xanthonyx Salleanus* Crosse et Fisch. in Journ. Conch. XV. 1867. p. 225.

12. **Cordovana Pfr.** — *Xanthonyx Cordovanus* Crosse et Fisch. l. c. p. 226.

14. **Chiapensis Pfr.** — *Xanthonyx?* *Chiapensis* Crosse et Fisch. l. c. 227.

17. **citrino-vitreus Moric.** — *Bulimus vitrinoides* Reeve.

## VI. Succinea. (p. 23.)

*Benoit* Ill. test. estram. Sicil. II. p. 62: genus *Heliceorum*.

## §. 3.

4. **unguis Fér.** — *Testacellus unguis* et *Guadeloupensis* *Less.*

5. **Gayana Orb.** — *Helix Gayana* Orb. — *Testacellus Gayanus* *Less.*

## §. 6.

16 a. **S. Wrighti Crosse.** †

« T. subovata, ventricosa, tenuis, pellucida, nitidula, longitudinaliter arcuato - striatula, pallide luteo - flava; spira brevis, apice obtuso, roseo; sutura simplex; anfr. 3, embryonalis 4 laevis, nitidus, ultimus descendens, testae fere totam longitudinem formans; apertura oblongo-ovata, intus concolor; perist. simplex, acutum, margine columellari arcuato, filiformi, basali et externo rotundatis. — Long.  $49\frac{1}{2}$ , diam. maj. 13 mill. Apert.  $45\frac{1}{2}$  mill. longa, 9 lata. » (Cr.)

*Succinea Wrighti* Crosse in Journ. Conch. XV. 1867. p. 447.  
Habitat in China (B. Wright).

## §. 13.

40. **putris Linn.** — *Amphibulima succinea* Lam. Ann. du Mus. VI. p. 306.

42. **Pfeifferi Rossm.** — *Benoit* Ill. test. Sicil. II. p. 63. t. 1. f. 2 c.

50. **arenaria Bouch.** — *Westerlund* in Malak. Bl. XIV. 1867. p. 200: Scania.

## §. 14.

66 a. **S. obesa Martens.** †

« T. obeso-ovata, leviter plicato - striatula, diaphana, nitidula, intense succinea; spira brevis, acutiuscula; anfr. 3, convexi, ultimus sutura sat profunda; columella leviter arcuata, simplex; apertura  $\frac{2}{3}$  longitudinis occupans, modice obliqua, ovata, supra acuta, ubique incumbens; peristoma rectum, margine dextro distincte arcuato. — Long. 11 —  $13\frac{1}{2}$ , diam. maj. 8—9, min.  $5-5\frac{1}{2}$ ; apert. long.  $9-10\frac{1}{2}$ , lat. 6—7 mill. » (v. M.)

*Succinea obesa* Mart. Ostas. Zool. II. p. 387. t. 22. f. 21.

Habitat in parte orientali insulae Javae.

Obs. «An satis diversa a *Succ. subrugata* Pfr.?»

71 a. **S. minuta** Mousson. †

«Testa ovata, ventricosa, solidiuscula, striata, nitida; anfr. 3, valde convexi; apertura valde obliqua,  $\frac{3}{4}$  longitudinis occupans, ovato-oblonga; peristoma acutum, subincrassatum, album, marginibus callo parietali distincto albo junctis. — Long. 4, diam. maj. 3, min. 2; apert. long. 3, lat.  $2\frac{1}{3}$  mill.» (v. M.)

*Succinea minuta* Mouss., Zolling. in Peterm. geogr. Mittheil.  
1864. H. VIII. p. 303. (Nomen.)

— — Mart. Ostas. Zool. II. p. 388.

Habitat in insula Bali.

## §. 16.

84. **australis** Fér. — Gassies Faun. Nouv. Caléd. p. 19 (exclusa figura). — Crosse in Journ. Conch. XV. 1867. t. 12. f. 6.

97 a. **S. Montrouzieri** Crosse. †

«T. ovata, tenuissima, obsolete ruguloso-striata, pellucida, nitidula, fulvido-cornea; apice roseo obtuso, mamillato; spira vix conica, sutura impressa; anfr. 3 convexi, ultimus descendens  $\frac{5}{6}$  longitudinis formans; columella subcallosa, substricta recedens; apertura acuminato-ovalis; peristoma simplex, rectum. — Long. 9, diam. 6 mill. Apert. 7 longa,  $4\frac{1}{2}$  lata.» (Cr.)

*Succinea australis* Gass. Faun. Nouv. Caléd. t. 1. f. 1 (exclusa descriptione latina).

— *Montrouzieri* Crosse in Journ. Conch. XV. 1867.  
p. 433. t. 12. f. 5.

Habitat in insula Art et loco Balade dicto Novae Caledoniae (Montrouzier).

*Species mihi incognitae:*

*Succ. Higginsi* Bland in Tryon Amer. journ. Conch. 1866. —  
Prope lacum Erie.

— *stagnalis* Gassies Malac. terr. et d'eau-douce de l'Aquitaine 1867. (Journ. Conch. XV. p. 460).

Obs. Genus *Camptonyx* Bens. in Ann. and Mag. n. h. 3d. ser. I. 1858. p. 336, a Mörch (Journ. Conch. XV. 1867. p. 256) ad Succineas veras relatum, aliorum sententia Auriculaceis potius adnumerandum videtur.



## VIII. Helix. (p. 40.)

*Benoit* Ill. test. estram. Sicil. II. 1857. p. 65: genus *Heliceorum*.

## §. 2.

10. **tecta Soul.** — *Vitrina tecta* Soul.

## §. 4.

18. **aperta Born.** — *Helix neritoides* «Gualt.» *Benoit* Ill. test. Sicil. p. 69.

20. **versicolor Born.** — *Helix pictoria* et *cincta* Perry?

## §. 5.

34a. **H. Duponti Morelet.** †

«T. subimperfurata, solida, globoso - conica, striis incrementi rugulosis lineisque spiralibus impressis subreticulata; spira brevis, depresso turbinata, apice acuminata; anfr. 5 convexiusculi, ultimus permagnus, infra peripheriam obtusissime angulatus, subtus liris tenuioribus confertim decussatus; apertura ovato-lunaris; peristoma incrassatum, rectum, margine columellari sursum brevissime reflexo. — Diam. maj. 38, min. 32, alt. 27 mill.» (M.)

*Helix Duponti Morel.* in Rev. et Mag. Zool. XVIII. 1866. p. 62. Subfossilis lecta ad radices montis Ory insulae Mauriti.

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47. **fulva Drap.** — *Benoit* Ill. test. Sicil. IV. p. 194. t. 5. f. 4? nec 5.

## §. 6.

62. **fusca Mont.** — *Brown* Ill. rec. conch. Gr. Brit. 1844. p. 47. t. 17. f. 25. 26 (ed. I. t. 40. f. 25. 26). — Synonymum *Vitrina membranacea* *Brown* (*Pfr.* Mon. IV. p. 14) ad *H. revelatam* Nr. 460 transferatur.

71. **stylodon Pfr.** — *Morelet* Sér. conch. II. p. 54. Synon.: *Helix depressa* *Fér.* Prodr. teste *Mor.*

72. **odontina Morelet.** — *Morel.* Sér. conch. II. p. 55. (Auctor *H. Lightfooti* Nr. 1463 et *suffultam* *Bens.* Nr. 2046 cum specie sua identicas declarat.)

## §. 8.

85. **rectangula Pfr.** — *Helix hapa* *Hombr.* et *Jacq.*

92. **misella Fér.** — Lege: *Microcystis* (non *Macrochlamys*) *misella* *Wallace.*

## §. 9.

110. **philyrina Morelet.** (Coll. Nr. 1402.) *Morel. Sér. conch. II.* p. 58.  
 111. **leucostyla Pfr.** — *Morel. Sér. conch. II.* p. 51.  
 112. **Mauritianella Morelet.** (Coll. Nr. 1403.) *Morel. Sér. conch. II.* p. 52. t. 4. f. 2.

124 a. **H. basiodon Morelet.** †

«T. imperforata, depresso trochiformis, acute carinata, solidiuscula, superne regulariter plicata, subtus striatula, nitidiuscula, cornea, spadiceo strigata et nebulosa; spira obtuse conoidea; anfr. 6 convexiusculi, subexserte carinati, carina sulco circumscripta, ultimus non descendens; apert. depressa, securiformis; perist. rectum, tenue, margine columellari callo dentiformi, valido, albido, sursum instructo. — Diam. maj. 8, min.  $7\frac{1}{2}$ , alt.  $4\frac{1}{2}$  mill.» (M.)

*Helix basiodon Morel.* in *Rev. et Mag. Zool.* XVIII. 1866. p. 165.  
 Habitat Siam.

## §. 11.

157 a. **H. Brotii Bonnet.** †

«T. subimperforata, globulosa, oblique subtilissime striata, crassiuscula, nitidula, opace alba, sublutescens, subviolacea versus apicem, subtus pallidior, fasciis 3 brunneis aequilatis et aequidistantibus in anfr. ultimo ornata; spira conoidea, obtusula; anfr. 6 rotundati, sutura distincta separati; apertura simplex, leviter flavescens, fasciis externis pellucetibus; margo columellaris albidus, leviter reflexus, umbilicum minimum formans. — Alt. 34, diam. max. 33, min. 30; apert. alt. 14, lat. 20 mill.» (Bonn. gall.)

*Helix Brotii Bonnet* in *Rev. et Mag. Zool.* XVI. 1864. p. 67.  
 t. 5. f. 1.

Habitat in insula Borneo.

Obs. Persimilis *H. nemorensi* Müll.! An ab ea diversa et revera insulae Borneo incola?

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166. **spectabilis Pfr.** — *Vitrina fuscossuccinea Beck.*

197 a. **H. Zanellia Testa.** †

«Testa perforata, pusilla, globoso-turbinata, tenuissima, pellucida; anfractus quatuor convexi, superni glabri, nitidi, albi, ultimi minute costellati, flavescens; apertura rotundata; peristoma simplex, acutum, marginibus approximatis, columellari subreflexo. — Diam.  $1\frac{1}{2}$ , alt.  $2\frac{3}{4}$  mill.» (Ben.)

*Helix Zanellia* Testa, *Pfr.* Mon. Helic. I. p. 432; IV. p. 324.

— *Zanelliana* Benoit Ill. test. estr. Sicil. IV. 1862. p. 195.  
t. 5. f. 10.

β. Minutissima: t. minima, turbinato - subdepressa, latius perforata. (Ben.)

*Helix Deshayesii* Calc., *Pfr.* Mon. I. p. 425; IV. p. 324.

Habitat in Sicilia.

## §. 12.

203. **aculeata** Müll. — *Benoit* Ill. test. Sicil. IV. p. 197. t. 5. f. 5.

204. **lamellata** Jeffr. — *Westerlund* in Malak. Bl. XIV. 1867.  
p. 200: in monte Skaralid Scaniae cop.

## §. 14.

### 234a. **H. russeola** Morelet. †

«T. strictissime perforata, depresso-pyramidata, basi planulata, tenuis, nitida, diaphana, sublaevigata, corneo-rufa; spira conica, apice acutiuscula; anfr. 6 convexiusculi, submarginati, ultimus magis dilatatus, obtuse angulatus, angulo demum evanescente; apertura vix obliqua, lunaris, intus margaritacea; peristoma simplex, rectum, tenue, margine columellari superne breviter dilatato, reflexo, perforationem exiguum semitegente. — Diam. maj. 14, min. 12<sup>1</sup>/<sub>2</sub>, altit. 10 mill.» (Mor. 1860.)

*Helix russeola* Morel., *Pfr.* Mon. Hel. III. p. 63; IV. p. 48.  
Nr. 276; V. p. 105.

— — *Morel.* Sér. conch. II. p. 60. t. 4. f. 3.

Habitat in insula Mayotte (E. Vesco).

## §. 16.

### 264a. **H. proletaria** Morelet. †

«T. anguste perforata, globoso-depressa, tenera, vix striatula, semi-diaphana, cereo-cornea, subtus nitidior; anfr. 6 parum convexi, ultimus carinatus, inferne planulatus; apertura lunaris; peristoma simplex, rectum, margine columellari juxta perforationem vix dilatato. — Diam. maj. 10, min. 9, altit. 6 mill.» (M.)

*Helix proletaria* Morel. Sér. conch. II. 1860. p. 60. t. 4. f. 4.  
Habitat in insula Mauritii (E. Vesco).

Obs. «Similis *H. plebejae*; differt forma turbinata, carina, basi depressa et peristomate simplice.»

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266. **Zelandiae Gray.** — *Nanina Novae Zelandiae* (Thalassia)  
A<sup>2</sup>. 59.

269 a. **H. Eudeli Deshayes.** †

«H. testa turbinata, subglobosa, tenui pellucida, laevigata, flavida, cornea, spira conoidea, breviuscula, apice obtusa; anfractibus quinis, angustis, lente crescentibus, ultimo ad peripheriam carinato, subtus convexo, basi perforato; apertura ovato-lunari, obliqua, lateraliter angulata. — Diam. (speciminis fracti) 6—7 mill.» (D.)

*Helix Eudeli Desh.* Catal. moll. île Réunion 1863. p. 87. t. 10.  
f. 18. 19.

Habitat in insula Bourbon.

\*

273. **Adansoniae Morelet.** — *Morel.* Sér. conch. I. p. 13. t. 4.  
f. 4. Gabon.

§. 17.

291 a. **H. linophora Morelet.** †

«T. exigue perforata, tenuis, pyramidata, carinata, costulata, corneo-rufescens vel virescens, epidermide albida, tenaci, praecipue ad suturas et infra carinam vestita; spira plus minusve elata, conica; anfr. 6 convexiusculi, ultimus rotundatus, basi convexus, carina acuta, compressa, filari cingulatus; apertura parum obliqua, lunaris; peristoma simplex, acutum, rectum, margine supero brevi, arcuato, ad carinam breviter acuminato, columellari juxta perforationem vix dilatato, reflexo. — Diam. maj. 12, min. 10, alt. 9½ mill.» (M.)

*Helix linophora Morel.* Sér. conch. II. 1860. p. 57. t. 4. f. 6.  
Habitat in insula Bourbon (E. Vesco).

Obs. «Affinis *H. semicerinae* Mor. et *argenteae* Reeve.»

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295. **semicerina Morelet.** — *Morel.* Sér. conch. II. p. 56, *Pfr.*  
*Mon.* (III. p. 79) V. p. 129. Nr. 554. — *Synon. H. Rawsonis*  
*Barcl., Pfr. Mon.* V. p. 89.

§. 19.

325. **argentea Reeve.** — *Morel.* Sér. conch. II. p. 56. (*Synon. H.*  
*semicerina* var. *turbinata* *Morel.* in *Rev. zool.* 1851. p. 219.)

§. 20.

335. **stolephora Val.** — *Nanina bicolor* *Pfr.* olim.  
349. **Pfeifferi Phil.** — *Nanina lurida* *Gould.*

354. **casca Gould.** — *Nanina casca* Gould, *calva* Gray, *Vitiensis* Pfr.

371. **Malaccana Pfr.** — *Nanina Malaccana* Pfr.

387. **subfusca Beck.** — *Vilrina subfusca* Beck.

(388. *russeola* Morel. vid. Nr. 234 a in Addend. p. 467.)

393 a. **H. Virginia Morelet.** †

«T. anguste perforata, depressa, substriata, hyalina, albida vel pallide fulva, basi fulvo-virescens; spira depresso conoidea, apice obtusiuscula; sutura impressa, marginata; anfr. 6 parum convexi, ultimus obsolete angulatus; apertura subrecta, depresso ovalis; peristoma simplex, rectum, acutum, margine columellari juxta insertionem vix reflexiusculo. — Diam. maj. 9, min. 8, altit. 5 mill.» (M.)

*Helix Virginia* Morel. Sér. conch. II. 1860. p. 62. t. 4. f. 8.  
Habitat in insula Mauriti (E. Vesco).

400. **H. nitella Morelet.** †

«T. strictissime perforata, depressa, superne convexiuscula, subtus concaviuscula, tenuis, pellucida, nitida, levis, pallide fulva; anfr. 5 parum convexi, sutura anguste marginata discreti, ultimus compressus, teres, circa perforationem declivis; apertura parum obliqua, depressa, ovato-lunaris; peristoma simplex, acutum, rectum, margine columellari leviter sinuato, superne vix dilatato. — Diam. maj. 9, min. 6, altit. 3 mill.» (M.)

*Helix nitella* Morel., Pfr. Mon. Helic. III. p. 64; IV. p. 49.  
Nr. 284.

— — Morel. Sér. conch. II. 1860. p. 64. t. 4. f. 9.

Habitat in insula Mauriti.

Obs. «Differt ab affini *H. Perrotteti* sutura ab apice ad basin distincte marginata.»

407 a. **H. praetumida Férussac.** †

«T. strictissime perforata, globoso-depressa, tenuis, nitida, diaphana, leviuscula, corneo-lutescens, subtus nubilosa; spira vix emersa, arcte convoluta, anfr. 6 convexiusculi, sutura canaliculata discreti, ultimus inflatus, teres, lineolis peripherialibus obscure notatus; apertura parum obliqua, lunaris; peristoma acutum, rectum, margine supero ad insertionem emarginato, columellari breviter dilatato, reflexo. — Diam. maj. 9, min. 8, altit. 6½ mill.» (M.)

*Helix praetumida* Fér. in Bull. un. sc. X. p. 303. 1827. (Pfr. Mon. Hel. I. p. 434: nomen.)

*Helix praetumida* Morel. Sér. conch. II. 1860. p. 64. t. 4. f. 10.  
Habitat in insula Bourbon (E. Vesco).

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409. **egenula** Morelet. — Morel. Sér. conch. I. p. 12. t. 1. f. 2.  
Gabon.

416a. **H. Maillardi** Deshayes. †

«H. testa discoidea, depressa, supra convexiuscula, subtus convexa, in medio anguste perforata, tenui, fragili, nitida, omnino flavida, polygyrata; anfractibus quinis, angustis, involventibus, convexiusculis, sutura angusta, depressa, junctis, ultimo ad peripheriam convexo; apertura minima, oblique ovato-semilunari; margine tenui, recto, simplici. — Diam. 5, alt. 3 mill.» (D.)

*Helix Maillardi* Desh. Catal. moll. île Réunion 1863. p. 86.  
t. 10. f. 12—14.

Habitat in insula Bourbon.

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417. **hydatina** Rossm. — Benoit Ill. test. Sicil. III. p. 161. t. 4. f. 3.

419. **pseudohydatina** Bourg. — *Helix hydatina* Phil.

422. **crystallina** Müll. — Benoit Ill. test. Sicil. III. p. 163. t. 4.  
f. 5. — Var.? *H. Botterii* Parr., *Zonites Botterii* Bourg.

425. **hyalina** Fér. — Benoit Ill. test. Sicil. III. p. 162. t. 4. f. 4.

### §. 21.

460. **revelata** Fér. — Brown Ill. rec. conch. Gr. Brit. 1844. p. 48.  
t. 17. f. 3—5. (*Vitrina membranacea* Brown ed. I. t. 40. f. 3—5.)

### §. 24.

517a. **troglodytes** Morelet. (Coll. Nr. 1404.) Morel. Sér. conch. I.  
p. 11. t. 1. f. 1. — Pfr. Mon. IV. p. 66; V. p. 131. Nr. 564.  
Gabon.

518. **Bigoti** Crosse Journ. Conch. XV. 1867. p. 442. t. 12. f. 4.

### §. 25.

533. **laevipes** Müll. — *Helix candida* Gmel.?

### §. 27.

(554. *semicerina* Morelet vid. Nr. 295 in Addend. p. 468.)

### §. 28.

(564. *troglodytes* Morelet vid. Nr. 517a in Addend.)



## §. 29.

582a. **H. brigantina Mengo.** †

«Testa anguste umbilicata, globoso-turbinata, tenuis, corneo-lutea; anfr. 5 convexiusculi, oblique subtiliter striati, ultimus breviter descendens; apertura semilunaris; peristoma simplex.» (E descriptione gallica in Journ. Conch.) — Dimens.?

*Helix brigantina* J. Da Silva Mengo in Journ. sc. math., phys. e nat. Lisb. 1867. Nr. 2. p. 170. (Journ. Conch. 1867. p. 344.)

Habitat prope Bragança Lusitaniae.

Obs. *H. inchoatae* Mor. affinis, sed facile distinguenda.

584a. **H. Lawleyana Bourguignat.** †

«Testa minutissima, anguste umbilicata, globoso-depressa, supra valide convexa, hyalina, fragillima, albido-crystallina, quandoque subviridula, sublaevigata vel sub valida lente striatula; spira convexo-tectiformi; apice obtusissimo; anfractibus 4½ ad 5 convexiusculis, regulariter crescentibus, sutura impressa separatis; ultimo paululum majore, in medio subangulato; apertura parum obliqua, lunato-rotundata; peristomate acuto, recto, intus ad marginem basalem leviter subincrassato; margine columellari subpatulo ac reflexo. — Alt. 1, diam. 1 mill.» (B.)

*Zonites Lawleyanus* Bourg. Moll. nouv., litig. III. 1863. p. 53. t. 8. f. 11—14.

Habitat in Italia; lecta in alluviis fluminis Arno prope Florentiam.

Obs. «Persimilis *H. Petronellae* Charp., sed minutissima.»

## §. 30.

610. **rupestris Drap.** — Benoit Ill. test. Sicil. IV. p. 192. t. 5. f. 3.

614. **Assarinensis Calc.** — Benoit Ill. test. Sicil. p. 194 adnot. t. 4. f. 14.

## §. 31.

631. **fuliginosa Griff.** — *Zonites fuliginosus* Mort. Et. Zonit. p. 4.

649a. **H. Alicurensis Benoit.** †

«Testa umbilicata, subdepressa, convexiuscula, tenuis, subdiaphana, oblique striata, corneo-lutescens; spira convexa; anfractus quinque regulariter accrescentes, ultimus basi planulatus; umbilicus mediocris, pervius; apertura lunaris; peristoma

simplex, acutum, margine leviter sinuato. — Diam. maj. 9, min. 8, alt. 4 mill.» (B.)

*Helix Alicurensis* Benoit Ill. test. estr. Sicil. II. 1857. p. 99.  
t. 3. f. 15.

Habitat in insula Alicuri prope Siciliam (D. Reina).

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650. **glabra** Stud. — Benoit Ill. test. Sicil. III. p. 157 adnot.  
t. 3. f. 28.

661. **Testae Phil.** — *Helix Philippii* Benoit Ill. test. Sicil. p. 98. t. 3.  
f. 14. — Synon.: *H. Nortoni* Calc. p. 42. f. 8; *Pfr.* Mon. III.  
p. 272 teste Benoit l. c. IV. p. 212.

665. **lucida** Drap. — Benoit Ill. test. Sicil. III. p. 158. t. 4. f. 1.

#### 665 a. **H. Blauneri Shuttleworth.** †

«Differt ab *H. lucida* Drap. testa nitidiore et magis compressa, planiore, apertura magis oblonga, anfractibus 6, primis 5 lente accrescentibus, ultimo dilatato.» (Bourg.)

*Helix Blauneri* Shuttl. Mitth. nat. Ges. Bern 1843. p. 13. Conf.  
*Pfr.* Mon. Hel. I. p. 112, adnot. 2.

— *lucida* var. *compressa* Dumont et Mort. Moll. Savoie  
1852. p. 250.

*Zonites Blauneri* Bourg. Malac. île Chat. d'If. p. 10.

Habitat in Gallia meridionali, Nizza, Corsica.

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666. **nitens** Mich. — Benoit Ill. test. Sicil. III. p. 155. t. 3. f. 26 a  
— f, cum var. *sicula*: «t. solidior, subtiliter striata, subopaca,  
ultimo anfractu antice minus dilatato.» — *Hyalina hiulca* (Hya-  
lina) A<sup>2</sup>. 68.

669. **lenis** Shuttl. — *Hyalina tenuis* «Sh.» (Hyalina) A<sup>2</sup>. 68.

#### 670 a. **H. Ercica Benoit.** †

«Testa perforata, convexo-depressa, valde polita, nitidissima, diaphana, vitracea, tenera, concolor, corneo-virens, iridata; anfractus quinque vix convexiusculi, regulariter accrescentes; apertura depressa, subovata, oblique lunaris; peristoma simplex, acutum, tenerrimum, margine columellari reflexiusculo. — Diam. maj. 10, min. 8, alt. 5 mill.» (B.)

*Helix Ercica* Benoit olim in sched. teste ipso Auct.

— *glaberrima* Benoit Ill. test. estr. Sicil. III. 1859. p. 157.  
t. 10. f. 5. Non *Pfr.* 1854.

Habitat in Sicilia.

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685. **vortex** *Pfr.* — Var. major, diam. maj. 8, min. 7, alt.  $3\frac{2}{3}$  mill.:  
Barba os. (Dedit Bland.)

698. **Kutschigi Parr.** — *Hyalina Kutschigi* «Parr.» Walderd. Syst.

Verz. Catt. 1864. p. 2: Gliuta di Dobrotá rarissima. (Anfr. 8; alt. 1, lat. 2 mill. e descriptione germanica.) Vix eadem species, quam 1865 e speciminibus a *Parreyss* communicatis descripsi.

699. **pura Ald.** — *Helix nitidosa Benoit* Ill. test. Sicil. III. p. 160. t. 3. f. 29.

706. **pygmaea Drap.** — *Benoit* Ill. test. Sicil. III. p. 143. t. 4. f. 6. — *Bourg.* Moll. nouv., litig. etc. II. p. 28. t. 5. f. 4—4. — Synon. *Helix Taranti Benzo* in Tar-Rosso p. 50 teste *Benoit* l. c. IV. p. 212.

706a. **Aucapitainiana Bourg.** Moll. nouv., litig. etc. I. p. 13. t. 2. f. 6—9.

706b. **Massoti Bourg.** Moll. nouv., litig. II. p. 30. t. 5. f. 5—8.  
(719. *Schwerzenbachii Calc.* vid. Nr. 1335a in Addend.)

### §. 32.

740. **Turneri Pfr.** — *Gassies* Faun. Nouv. Caléd. p. 23.

#### 748a. **H. Paulus Morelet.** †

«T. late umbilicata, orbiculato-depressa, tenuis, eximie arcuatim plicata, corneo-fulva, sericina; spira convexiuscula; anfr.  $5\frac{1}{2}$  sutura profunda discreti, ultimus depressus, basi rotundatus, umbilicum pervium exhibens; apertura recta, depressa, lunaris, marginibus peristomatis simplicibus, columellari sinuoso, juxta insertionem vix dilatato. — Diam. maj. 9, min. 7, altit. 4 mill.» (M.)

*Helix Paulus Morel.* Sér. conch. II. 1860. p. 63. t. 4. f. 7.

Habitat Moka insulae Mauriti (E. Vesco).

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793. **costulifera Pfr.** — *Gassies* Faun. Nouv. Caléd. p. 26. t. 1. f. 9.

801. **rotundata Müll.** — *Benoit* Ill. test. Sicil. p. 97. t. 4. f. 23.

804. **vetula Gass.** — *Gassies* Faun. Nouv. Caléd. p. 29. t. 1. f. 13.  
(«Testa minima, depressa, lenticularis, umbilicata; valide et regulariter striata, striis elevatis, corneo-nigrescens, immaculata; anfractus 5—6 constricti, regulariter accrescentes, sutura profunda. Apertura semilunaris, superne angulata, ad basim rotundata; peristoma simplex. — Diam. 4, alt. 2 mill.»)

#### 820a. **H. sororcula Benoit.** †

«Testa umbilicata, subgloboso-depressa, albido-fulvescens, confertim costulata, opaca; anfractus quatuor convexiusculi, ultimus antice vix descendens, non dilatatus; apertura parum obliqua, subovato-lunata; peristoma simplex, rectum, acutum, non labiatum, marginibus conniventibus, pariete aperturali subincrassato. — Diam. maj.  $3\frac{1}{2}$ , min. 3, alt.  $1\frac{3}{4}$  mill.» (B.)

*Helix sororcula Benoit* Ill. test. estr. Sicil. III. 1859. p. 148.  
t. 4. f. 16.

Habitat in Sicilia.

820b. **H. elegantula Pfr.**

T. minuta, umbilicata, depressa, fere discoidea, tenera, eleganter et confertim costulata, albido-hyalina; spira vix elevata, vertice minuto, laevigato, nitido; sutura profunda; anfr. fere 4 convexiusculi, ultimus penultimo vix latior, peripheria rotundatus, antice non descendens, basi convexus; umbilicus perspectivus,  $\frac{1}{3}$  diametri superans; apertura subobliqua, rotundato-lunaris; perist. simplex, rectum, acutum, marginibus valde convergentibus, columellari simplice. — Diam. maj.  $1\frac{1}{2}$ , alt. vix  $\frac{1}{2}$  mill. (Coll. Nr. 1405.)

*Helix elegantula* Pfr. in Malak. Bl. XIV. 1867. p. 196.

Habitat prope Veracruz reipublicae mexicanae (Dr. Berendt).

## §. 33.

828. **fuscosa Ziegl.** — Benoit Ill. test. Sicil. III. p. 150. t. 3. f. 25. Synon.: *H. Calcarae* Ar. et Magg. (??), *H. Maurolici* Benoit Ric. malac. p. 8. t. 2. f. 3. — *Zonites fuscus* et *Mavrolicii* Mort. Et. Zonit. p. 4.

(831. *Fischeri* Gassies vid. *H. inaequalis* Pfr. Nr. 1517 in Addend.)

832. **Beraudi Gass.** — Gassies Faun. Nouv. Caléd. p. 33. t. 1. f. 18. («Testa orbiculata, depressa, subcarinata, late umbilicata; superne corneo-lutescens, inferne rufescens, costellis rugatis elevatis malleata, transversim sulcata; anfractus 6, depressi, ultimo dilatato; sutura inflexa, crispata. Apertura subrotunda, obliqua, superne angulosa, inferne rotundato-subtrigona; peristoma simplex, intus bidentatum. — Diam. maj.  $19\frac{1}{2}$ , min. 18, alt. 10 mill.»)

837. **testudinaria Gass.** — Gassies Faun. Nouv. Caléd. p. 30. t. 1. f. 14. («Testa orbiculata, rotundata, regularis, haud carinata, late umbilicata; corneo-rufescens, rufo trifasciata, transversim striata et longitudinaliter sulcata; anfractus 5 regulariter accrescentes, sutura linearis. Apertura sub-rotunda, sub-obliqua, ad basim lamellata; peristoma simplex. — Diam. maj. 12, min. 9, alt. 6—8 mill.»)

839. **multisulcata Gass.** — Gassies Faun. Nouv. Caléd. p. 22. t. 1. f. 5. 6.

840. **Artensis Souv.** — Gassies Faun. Nouv. Caléd. p. 19. t. 1. f. 2.

## §. 34.

849. **polycycla Morel.** — Morelet Sér. conch. III. p. 166. t. 7. f. 1.

849a. **H. tortilis Morelet. †**

«T. latissime umbilicata, discoidea, tenuis, diaphana, cerco-cornea, parum nitens; spira fere plana; anfr. 7 convexiusculi, angusti, sutura profunda discreti, priores substriati, sequentes distincte striati, ultimus magis dilatatus, depresso-rotundatus, non descendens; apertura parum obliqua, rotundato-lunaris,

leviter procumbens; peristoma simplex, tenue, rectum, margine supero breviter sinuato. — Diam. maj. 11, min. 10, alt. 4 mill.» (M.)

*Helix tortilis* Morel. Sér. conch. III. 1863. p. 165. t. 7. f. 2.  
Habitat in valle Urubamba Peruviae (L. Angrand).

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851. **Montrouzieri** Souverbie. — Gassies Faun. Nouv. Caléd. p. 20. t. 1. f. 3.

851a. **H. Cabriti** Gassies. †

«T. profunde et latissime umbilicata, subdiscoidea, plan-orbiformis, utrinque valde concava, tenuiuscula, parum nitida, striis gracilibus, flexuosis, subobliquis longitudinaliter impressa, cornea, maculis rufo-castaneis interrupte variegata; spira per-depressa, valde concava, medio profunde immersa, infundibuliformis; anfr. 9 angustissimi, subplani, immersi, embryonales 2 laeves, albido-cornei, sequentes sutura profunde impressa discreti, carinati (carina plicato-crenulata, extus intusque marginata), ultimus subdescendens, caeteros involvens, utrinque carinatus, medio convexus et rufo-castaneo obscure marmorato-variegatus; apert. perobliqua, subauriformis, elongata, angusta, ad basin latior, e medio ad suturam magis constricta; perist. simplex, subflexuosum, marginibus remotis, sed callo tenui, lato, trans aperturam eunte junctis, basali subdilatato, externo attenuato, vix subincrassato, in vicinio suturae aperturam coarctante. — Diam. maj. 8, min.  $7\frac{1}{2}$ , alt. 4 mill.; apert.  $3\frac{1}{2}$  mill. longa, 4 lata.» (Crosse.)

*Helix volutella* Gass., Pfr. Mon. Helic. V. p. 192. Nr. 1041.  
Non Pfr.

— *Cabriti* Gass. Faun. Nouv. Caléd. p. 21. t. 1. f. 4. (non adult.)

— — Crosse in Journ. Conch. XV. 1867. p. 315. t. 11. f. 2. (Descr. emend.)

Habitat in insula Art et Balade Novae Caledoniae.

### §. 35.

861. **obscurata** Porro. — Benoit Ill. test. Sicil. III. p. 159. t. 4. f. 2.

864. **cellaria** Müll. — Benoit Ill. test. Sicil. III. p. 154. t. 3. f. 27 a — c.

868. **H. De Natale** Benoit.

«Testa umbilicata depressa, minutim striata, nitida, glabra, superne cornea, basi pallidior; spira medio concava; anfractus

sex angusti, lente accrescentes, ultimus major, prominens, subcarinatus, basi planulatus; umbilicus latus, pervius; apertura triangulari-lunaris; peristoma simplex, acutum, margine arcuato-sinuato. — Diam. maj. 12, min.  $11\frac{1}{2}$ , alt. 5 mill.» (B.)

*Helix De Natale Ben.*, *Pfr.* (Malak. Bl. 1856) Mon. Hel. IV. p. 101. Nr. 626; V. p. 167. (Coll. Nr. 360.)

— — — *Benoit* Ill. test. estr. Sicil. II. 1857. p. 100. t. 4. f. 17.

Habitat in insula Maretimo prope Trapani (D. Reina).

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872. **Lifuana Montrouz.** — *Gassies* Faun. Nouv. Caléd. p. 30. t. 1. f. 15.

876. **Cayennensis Pfr.** — *Morelet* Sér. conch. III. p. 164. (Diam. 18, alt. 7 mill.) — *Hyalina cayennensis* (Mesomphix) A<sup>2</sup>. 71.

#### 876a. **H. gyrella Morelet.** †

«T. latissime umbilicata, compressa, planorbiformis, tenuis, subtus et superne confertim capillaceo-striata, livide cornea, infra pallidior; spira omnino plana; anfr.  $5\frac{1}{2}$  convexiusculi, sutura profunda discreti, ultimus depressus, peripheria rotundatus, non descendens; apertura vix obliqua, rotundata, marginibus simplicibus, rectis. — Diam. maj. 10, min.  $8\frac{1}{2}$ , altit.  $3\frac{1}{2}$  mill.» (M.)

*Helix gyrella Morel.* Sér. conch. III. 1863. p. 165. t. 7. f. 8.

Habitat in valle Urubamba Peruviae (L. Angrand).

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877. **subplana Binn.** — *Hyalina subplana* (Mesomphix) A<sup>2</sup>. 71.

887. **festinans Shuttl.** — *Hyalina festinans* (Hyalina) A<sup>2</sup>. 68.

#### 893a. **H. subhyalina Pfr.**

T. minuta, umbilicata, discoidea, tenuiuscula, laevigata, nitida, albido-hyalina; spira plana; sutura parum impressa; anfr.  $3\frac{1}{2}$ , superne subplanati, ultimus subdepresso-rotundatus, antice non descendens, basi regulariter in umbilicum apertum,  $\frac{1}{5}$  diametri subaequantem attenuatus; apertura fere diagonalis, subregulariter lunaris; perist. simplex, rectum, acutum, marginibus conniventibus, columellari simplice. — Diam. maj.  $2\frac{1}{2}$ , min.  $2\frac{1}{4}$ , alt. vix 1 mill. (Coll. Nr. 1406.)

*Helix subhyalina Pfr.* in Malak. Bl. XIV. 1867. p. 196.

Habitat prope Veracruz reipublicae mexicanae (Dr. Berendt).

#### §. 36.

912. **Pinicola Pfr.** — *Gassies* Faun. Nouv. Caléd. p. 27. t. 1. f. 10.

918. **omicron Pfr.** — *H. ammonitoides Reeve.*



919. **zeta Pfr.** — *H. infecta* Reeve.

933. **micropleuros Paget.** — *Bourg.* Moll. nouv., litig. etc. II. p. 32. t. 5. f. 9—13.

933 a. **clachia Bourg.** Moll. nouv., litig. etc. II. p. 35. t. 5. f. 14—17.

### §. 38 a.

#### 943 a. **H. Raynali Gassies.** †

« Testa umbilicata, subcarinata, striata, superne confertim sulcata, discoidea, orbiculato-convexiuscula, nitida, lutescenti-brunescens, superne radiato-castanea, inferne irregulariter radiato-maculata; anfractus 5, subplanati, regulariter accrescentes; ultimo antice dilatato, acuto; apertura obliqua, rotundato-ovalis, intus cinerea; peristoma simplex; columella tenuis; sutura linearis subplicata. — Diam. maj. 33, min. 25, alt. 27 mill. » (G.)

*Helix Raynali* Gass. Faun. Nouv. Caléd. 1863. p. 34 (*Raynaldi*). t. 5. f. 6. Conf. Gass. in Journ. Conch. XIII. 1865. p. 210.

Habitat prope « Port de France » Novae Caledoniae (Raynal).

Obs. « Pertinet ad sectionem *H. Strangei*, *inaequalis*, *multisulcatae*, etc. »

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950. **Baladensis Souverbie.** — *Gassies* Faun. Nouv. Caléd. p. 36. t. 5. f. 8.

#### 952 a. **H. luteolina Gassies.** †

« Testa umbilicata, subcarinata, confertim striata et spiraler sulcata, depressa, nitida, luteo-succinea, carina unifasciata, bruneo-rufa; anfractibus 4 — 4½, subplanatis, ultimo dilatato-acuto; apertura obliqua, ovata, depressa, superne dilatata, inferne curta, intus lutea; peristoma simplex; columella tenuis; sutura sulcato-crenata. — Diam. maj. 6, min. 4, alt. 5 (?) mill. » (G.)

*Helix luteolina* Gass. Faun. Nouv. Caléd. 1863. p. 35. t. 5. f. 7.

Habitat in insula Pinuum Novae Caledoniae.

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953 a. **Arrouxi Bourg.** Moll. nouv., litig. etc. II. p. 44. t. 7. f. 4—8.

### §. 39.

957. **densa Ad. et Reeve.** — Var. *ignobilis* (p. 180 in adnot.) lege f. 1 b, non f. 16.

## §. 40.

1020. **rusticula Gass.** — *Gassies* Faun. Nouv. Caléd. p. 28. t. 4. f. 44. («Testa umbilicata, obtuse carinata, corneo-rufescens, immaculata; praevalide et oblique striata, lamellosa; anfractus 6 regulariter accrescentes, ultimo depresso; sutura profunda, carinata. Apertura obliqua, subdepressa, subtriangularis; peristoma simplex, subangulatum. — Diam. 8, alt.  $3\frac{1}{2}$  mill.»)

1029. **H. dispersa Gassies.** †

«Testa depresso-discoidea, lenticularis, umbilicata, striis et lamellis obliquis ornata, corneo-rufescens, immaculata; anfractus 5 regulariter accrescentes; sutura profunda, carinata; apertura ovato-rotundata; peristoma simplex. — Diam. 5, alt. 3 mill.» (G. 1863.)

*Helix gyrina* Gass., *Pfr.* Mon. Helic. V. p. 190. Non *Val.*

— *dispersa* Gass. Faun. Nouv. Caléd. p. 29. t. 4. f. 12.  
(Nec *H. dispersa* Fér. f.)

Habitat in insula Pinuum Novae Caledoniae (M. E. Magen).

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1035. **Parlatoris Bivona.** — *Benoit* Ill. test. Sicil. p. 95. t. 4. f. 22.

1037. **H. Reina Benoit.**

«Testa umbilicata, subdepressa, convexiuscula, striata, subdiaphana, cornea, pilis rariusculis exornata; spira exertiuscula; anfractus quatuor superne planulati, ultimus subcarinatus, basi rotundatus; umbilicus mediocris, pervius; apertura subovata; peristoma simplex, acutum, marginibus conniventibus. — Diam. maj.  $6\frac{1}{3}$ , min. 5, alt. 3 mill.» (B.)

*Helix Reina* *Benoit* Ill. test. estram. Sicil. II. 1857. p. 96.  
t. 4. f. 44.

— *Reinae* «*Ben.*» *Pfr.* (Mal. Bl. 1856.) Mon. Hel. IV. p. 117.  
Nr. 735; V. p. 192. (Coll. Nr. 446.)

Habitat prope Palermo Siciliae.

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(1041. *volutella* *Gassies* vid. *H. Cabriti* *Gass.* Nr. 851 a in Ad-dend. p. 475.)

## §. 41.

1055. **Carniolica A. Schmidt.** — *Helix Croatica* Fér.

## §. 42.

1057. **Olivieri Fér.** — Var.: *H. Aenensis* *Ben.*?

1057 a. **H. bicincta Benoit.** †

«Testa demum clauso-perforata, subglobosa, tenuis, subpellucida, striato-rugosula, corneo-rufescens, fasciis duabus lacteis cincta; spira elevata, convexa; anfractus 6 rotundati, ultimus antice vix descendens; sutura profunda; apertura rotundato-lunata, vix obliqua; peristoma acutum, extus rubellum, intus albido-labiatum, margine dextro subrecto, basali patulo, columellari reflexo perforationem occultante. — Diam. maj. 15, min. 12½, alt. 11 mill.» (B.)

*Helix bicincta Benoit* Ric. malac. p. 9. t. 2. f. 11 (non bona);  
Ill. test. estr. Sicil. III. 1859. p. 170. t. 3.  
f. 16.

— *Rizze Arad.* Giorn. l' Occhio, anno V, Num. 143.

— — *Calc.* Moll. di Pal. p. 43; Cenno su' Moll. Sicil.  
p. 22.

— *Rizza «Ar.» Phil.* in Zeitschr. f. Malak. 1844. p. 105.

Habitat in Sicilia.

Cl. Auctor contra *Philippii*, *Moussoni* aliorumque sententiam speciem ab *H. Olivieri Fér.* bene distinguendam asserit.

1057 b. **H. Archimedeia Benoit.** †

«Testa angustissime perforata, subglobosa, solidiuscula, subopaca, striata, pallide carnea; spira exertiuscula, convexa; anfractus sex rotundati, regulariter accrescentes, ultimus non inflatus, antice vix descendens, sutura satis impressa; apertura ovata, parum obliqua; peristoma acutum, intus rubello-labiatum, marginibus vix conniventibus, dextro recto, basali patulo, columellari reflexo foraminis partem abscondente. — Diam. maj. 13, min. 12, alt. 10½ mill.» (B.)

*Helix Archimedeia Benoit* Ill. test. estr. Sicil. III. 1859. p. 164.

— *carthusiana Phil.* Moll. Sicil. I. p. 131. II. p. 106?

Habitat in Sicilia.

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1068. **Berytensis Fér.** — *Bourg.* Moll. nouv., litig. etc. II. p. 37.  
t. 6. f. 4—5.

1068 a. **rachiodia Bourg.** ibid. p. 39.

1068 b. **Fourousi Bourg.** ibid. p. 41. t. 6. f. 6—9.

1069. **consona Ziegl.** — *Benoit* Ill. test. Sicil. III. p. 174. t. 3. f. 20.

1077. **concinna Jeffr.** — *Brown* Ill. rec. conch. Gr. Brit. 1844.  
p. 48. t. 48. f. 45. 46?

1079. **sericea Drap.** — *Westerl.* in Malak. Bl. XIV. 1867. p. 200 in  
adnot.? («Testa depresso-globosa, nitidula, rufo-brunnea, gla-  
berrima, in umbilico pilis raris brevibus hispida, spira convexa,  
anfractibus 5—5½, convexis, teretibus, forte crescentibus, ultimo  
fascia pallida cincto, penultimo ter fere latiore quam antepen-  
ultimo, ad suturam superiorem profunde incurvato; apertura

semilunaris, rotundata; umbilicus angustus, margine columellari reflexo ad partem obtectus. — Diam. 6—7, alt. 4—5 mill. — In Scania.»)

1079 a. **H. Aetnaea Benoit.** †

«Testa anguste umbilicata, subdepressa, tenuis, subpellucida, nitida, striatula, hispida, rufescens; anfr.  $4\frac{1}{2}$  convexiusculi, subcarinati; spira prominula; apertura oblique lunato-rotundata; peristoma simplex, acutum, marginibus remotis. — Diam. maj.  $4\frac{1}{2}$ , min.  $3\frac{1}{2}$ , alt.  $2\frac{1}{2}$  mill.» (B.)

*Helix Aetnaea Benoit* Ill. test. estr. Sicil. II. 1857. p. 96.  
t. 4. f. 12.

Habitat ad montem Aetna Siciliae.

§. 43.

1092. **pyrrhizona Phil.** — *Helix strigosula* Gmel. — *Eulotus pyrrhizonus* Mörch in Journ. Conch. XV. 1867. p. 257.

1095. **Cantiana Mont.** — *H. Orsinii* Reeve? — Varr.: *H. Da Campi Villa* = *Helix (Theba) rubella* Risso, Bourg. Moll. Alp. Marit. p. 38. — *H. Galloprovincialis* Dupuy = *Helix (Theba) cemenalea* Risso, Bourg. ibid. p. 38. — *H. apennina* Porro.

1096 a. **H. Pirajnea Benoit.** †

«Testa pervio-perforata, subglobosa, tenuis, nitida, subpellucida, striato-rugosula, corneo-flavescent vel carnea; spira exerta; anfractus sex convexi, celeriter accrescentes, ultimus antice descendens; sutura profunda; apertura subovata, vix obliqua; peristoma subrectum, acutum, intus albido-labiatum, marginibus remotis, columellari reflexiusculo perforationem non obtegente. — Diam. maj. 18, min. 16, alt. 14 mill.» (B.)

*Helix Pirajnea Benoit* Ill. test. estr. Sicil. III. 1859. p. 176.  
t. 3. f. 21.

Habitat in montibus «Madonie» Siciliae.

1097 a. **H. Samsunensis Zelebor.**

T. subobtecte perforata, globoso-depressa, tenuiuscula, arcuato-striatula, sub lente fortiore subtilissime decussata, diaphana, nitidula, carneo-albida; spira conoideo-convexa, vertice acutiusculo; anfr. 6 convexi, ultimus subinflatus, antice vix descendens; apertura diagonalis, ampla, lunato-rotundata; perist. rectum, intus distincte albo-labiatum, marginibus subconvergentibus, columellari supra perforationem triangulatim reflexo. — Diam. maj. (spec. maximi) 15, min. 13, alt. 9 mill. (Coll. Nr. 1407.)

*Helix Samsunensis Zeleb.* in litt.

Habitat Samsun Asiae Minoris.

Obs. Similis nonnullis varietatibus *H. cartusianae* Müll.; differt ab omnibus spira subacuminata et apertura rotundata.

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1098. **cartusiana Müll.** — Benoit Ill. test. Sicil. III. p. 166. t. 3. f. 18a—f. — *H. nitida* Ch. — *H. convexa* Ar.?

1099a. **H. hiberna Benoit.** †

«Testa obtecte perforata, subgloboso-depressa, tenuis, subpellucida, subtilissime striata, unicolor, flavida, pilis minutis, brevissimis villosa; spira exertiuscula; anfractus quinque subplanulati, ultimus subangulatus, basi convexus, antice vix descendens; apertura lunato-rotundata; peristoma subpatulum, intus albido-labiatum, margine columellari reflexo perforationem obtegente. — Diam. maj. 9, min.  $7\frac{1}{2}$ , alt.  $5\frac{1}{2}$  mill.» (B.)

*Helix hiberna* Benoit Ill. test. estr. Sicil. III. 1859. p. 172. t. 3. f. 23.

Habitat prope Palermo Siciliae.

1099b. **H. pseudosericea Benoit.** †

«Testa pervio-perforata, subgloboso-depressa, tenuis, subpellucida, nitidula, substriata, corneo-rufescens, pilis brevissimis, inconspicuis subvestita; anfractus quinque convexiusculi, ultimus subangulatus; apertura late lunaris; peristoma patulum, intus rufulo-labiatum, marginibus remotis, columellari reflexiusculo. — Diam. maj. 10, min.  $8\frac{1}{2}$ , alt. 6 mill.» (B.)

*Helix pseudosericea* Benoit Ill. test. estr. Sicil. III. 1859. p. 173. t. 3. f. 22.

Habitat in Sicilia.

1104a. **H. gregaria Ziegler.**

«Testa imperforata vel subrimata, subgloboso-depressa, striatula, nitidula, subpellucida, corneo-lutescens vel rufula, non fasciata; anfractus sex convexiusculi, ultimus antice descendens; spira subelevata, apice prominulo, laevissimo; apertura oblique lunaris; peristoma vix patulum, albo-labiatum, marginibus remotis, basali subincrassato, columellari rimam fere poenitus obtegente. — Diam. maj. 12, min. 10, alt. 7 mill.» (B.)

*Helix gregaria* Ziegl. in sched., Benoit Ill. test. estr. Sicil. III. 1859. p. 167. t. 3. f. 19.

— *occulta* Biv. pat. teste Benoit.

*Helix syriaca*  $\beta$  Pfr. Mon. Hel. I. p. 131.  
Habitat in Sicilia.

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1105. **rufescens Penn.** — *Helix tomentosa* Ad., *turturum* Gmel.?

1108. **strigella Drap.** — *Helix hexagyra* Mlf., *Villa* teste A<sup>2</sup>. 339.  
— *H. vitrinosa* Zgl.? — Var.: *H. peregra* Parr., Zeleb. e Croatia. — Jun.: *H. conspurcata* Nilss.

1109 a. **Colliniana Bourg.** Moll. nouv., litig. etc. II. p. 46. t. 7. f. 1 — 3.

1113. **flavida Ziegl.** — *Benoit* Ill. test. Sicil. III. p. 140. t. 3. f. 13.  
Synon. *Helix Teresae* *Benoit* Ric. malac. p. 9. t. 2. f. 5. Nec *H. Theresae* «Ben.» Alb. Vide Nr. 2392.

1120 a. **H. lavandulae Bourguignat.** †

«Testa anguste umbilicata, subdepressa, nitida, subpellucida, fulva, striata, sicut subcostulata (costulis obsoletis praesertim subtus); spira convexa; apice minuto, nitido, laevigato; anfractibus 6 convexiusculis, subangulatis, celeriter crescentibus, sutura impressa separatis, ultimo magno, dilatato, subangulato, ad aperturam rotundato, subtus exacte convexo-rotundato, ac antice subito deflexo; apertura obliqua, lunata, late oblonga; peristomate acuto, recto, intus rosaceo-incrassato; margine inferiore subpatulo; margine columellari reflexo; marginibus distantibus. — Alt. 6 $\frac{1}{2}$ , diam. 11 mill.» (B.)

*Helix lavandulae* Bourg. Moll. nouv., litig. etc. III. 1863. p. 55.  
t. 8. f. 1—5.

Habitat in Gallia (prope Briançon) et Sabaudia.

Obs. «Proxime affinis *H. Telonensi* et *Moutoni* Mittre.»

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1122. **depilata C. Pfr.** — *Brown* Ill. rec. conch. Gr. Brit. 1844.  
p. 49. t. 18. f. 47. 48?

1125 a. **H. Vinsoni Deshayes.** †

«H. testa orbiculata, depressa, basi umbilicata, spira brevissima, convexiuscula; anfractibus senis, angustis, lente crescentibus, longitudinaliter tenuissime lamellosis, lamellis membranaceis, pilis erectis, echinatis; ultimo anfractu cylindraceo, ad peripheriam obtusissimo, in medio concavo, subinfundibuliformi; apertura minima, obliqua, semilunari, depressa, labro intus paulo incrassato. — Diam. 8, alt. 5 mill.» (D.)

*Helix Vinsoni* Desh. Catal. moll. île Réunion 1863. p. 88. t. 10.  
f. 20—23.

Habitat in insula Bourbon.



## §. 44.

1127. **Cardonae Hid.** Journ. Conch. XV. 1867. p. 441. t. 12. f. 2.

## §. 45.

1134. **Pisana Müll.** — *Benoit* Ill. test. Sicil. p. 28. t. 3. f. 1 a—e.

1139. **Pandorae Forb.** — *Helix damascenus Gould*: «T. conico-globosa, imperforata, solidula, dilute prunina ad apicem violacea subtus cinerascens, rudis et lineis tenuibus interruptis numerosis cincta; anfr. 5 rotundatis: sutura impressa; apertura subcircularis; peristomate anguste reflexo, pallido, extremitatibus approximatis; fauce livida; columella incrassata, rotundata.» (Ex *Binn. Terr. Moll.* IV. p. 18.)

1145 a. **H. Aradasii Pirajno.**

«Testa perforata, globoso-conoidea, subtenuis, longitudinaliter striata, albida vel rufescens, interdum unicolor, plerumque fusco-multifasciata, fasciis interruptis et partim continuis; anfractus 6 rotundati, ultimus magnus, teres, vix descendens; spira elevata, apice prominulo, corneo; apertura lunato-rotundata; peristoma simplex, acutum, rufulo- vel albo-labiatum, marginibus conniventibus, columellari subreflexo, patente. — Diam. maj.  $10\frac{1}{2}$ , min.  $9\frac{1}{2}$ , alt. 7 mill.» (Ben. — Coll. Nr. 481 β.)

*Helix Aradasii Pir. de Mandr., Pfr. Mon. Hel. I. p. 170.*  
Nr. 436.

— — *Benoit* Ill. test. estr. Sicil. III. 1859. p. 132.  
t. 3. f. 6.

Habitat in Sicilia.

Obs. Nonne *H. turbinatae Jan* nimis affinis?

## §. 46.

1157. **variabilis Drap.** — *Benoit* Ill. test. Sicil. p. 126. t. 2. f. 21 a  
— c. e—h. t. 3. f. 7.

1160 a. **H. Ungerii Zelebor.**

T. anguste et vix pervie umbilicata, conoidea, solida, conferte striata, vix nitidula, alba; spira turbinata, vertice minuto, lutescenti-corneo; anfr. 6 convexiusculi, lente accrescentes, ultimus subdepresso-rotundatus, antice vix descendens, subtus parum convexus; apertura obliqua, lunato-rotundata, intus nitide alba; perist. rectum, acutum, pone limbum crasse albo-labiatum, marginibus convergentibus, columellari vix patente. — Diam. maj. 14, min. 12, alt. 8 mill. (Coll. Zelebor.)

*Helix Ungerii* Zeleb. in litt.

Habitat Samsun Asiae Minoris et in insula Cypro (ubi etiam specimina juniora, fasciarum castaneorum vestigia exhibentia lecta sunt).

Obs. Varietatibus nonnullis *H. simulatae* Fér. proxima, sed multo levius striata, anfractu ultimo angustiore, etc.

1161a. **H. pseudenhalia Bourguignat.** †

«Testa anguste umbilicata, semiglobosa, cretacea, solida, sordide candida, striatula; spira convexo-turbinata, apice obtuso, laevi, corneo; anfractibus 6 convexis, regulariter crescentibus, sutura mediocri separatis; ultimo rotundato, vix descendente. Apertura obliqua, vix lunata, exacte rotundata; peristomate recto, acuto, intus valide rosaceo- vel luteolo-incrassato; marginibus approximatis. — Alt. 8—9, diam. 10—11 mill.» (B.)

*Helix pseudenhalia* Bourg. Malac. terr. chat. d'If p. 15. t. 1. f. 17—21.

Habitat in insula «île du chateau d'If» prope Marseille Galliae.

Obs. Proxime affinis dicitur *H. destitutae* Charp.; ex icone tamen persimilis apparet *H. lautae* Lowe (*submaritimae* Rossm.)

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1165. **Meda Porro.** — Benoit Ill. test. Sicil. III. p. 139. t. 3. f. 9.

1171. **pyramidata Drap.** — Benoit Ill. test. Sicil. IV. p. 198. t. 5. f. 7. — Walderd. Syst. Verz. Catt. p. 3 var. *maxima*: lat. 13, alt. 11 mill. Prope Bugliarizza.

1173. **Tarentina Pfr.** — *Helix pyramidata* var. Benoit Ill. test. Sicil. IV. p. 198. t. 5. f. 8.

§. 47.

1175. **cespitum Drap.** — Benoit Ill. test. Sicil. p. 129. t. 2. f. 22a—i. — Jacosta *fasciolata* «Poir.» Mörch in Journ. Conch. XIII. p. 386.

1176. **cespitoides Fisch.** — Gassies Faun. Nouv. Catéd. p. 38. t. 2. f. 4.

1178. **Adolfi Pfr.** — *Helix Terverii* Rossm. f. 816—819.

1181. **Terveri Mich.** — Benoit Ill. test. Sicil. p. 135. t. 3. f. 5?

1189. **candicans Ziegl.** — *H. arenosa* Zgl.

1191a. **H. Dragorichi Zelebor.**

T. anguste et impervie umbilicata, depressa, solida, striata, parum nitens, alba; spira vix conoideo-elevata, vertice subtili, corneo; sutura levis; anfr.  $5\frac{1}{2}$  parum convexiusculi, ultimus depresso-rotundatus, antice dilatatus, vix descendens; apertura obliqua, rotundato-lunaris, latior quam alta; perist. rectum,

acutum, pone marginem crasse albido-labiatum, marginibus convergentibus, columellari ad insertionem parum dilatato, patente. — Diam. maj. (spec. maximi) 16, min. 13, alt. 8 mill. (Coll. Nr. 1408.)

β. Minor, spira paulo magis elata, anfractibus fascia pallidissime lutea ornatis; diam. maj. 14, min. 12, alt. 8 mill.

*Helix Dragorichi Zeleb.* in litt.

Habitat Samsun Asiae Minoris.

Obs. Differt ab omnibus speciebus superne similibus umbilico angusto, non pervio; ab *H. Zelebori*, cui proxima, distinguatur testa bene striata, apertura minore, margine columellari vix patente, etc.

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1195. **neglecta Drap.** — *Bourg.* Malac. île chat. d'If p. 14 var. *subneglecta*, umbilico paulo minus aperto, testa magis cretacea, solidiore, spira paulo elatiore.

(1205. *dealbata* Lowe vid. Nr. 1337b in Addend.)

(1208. *depauperata* Lowe vid. Nr. 1337a in Addend.)

1210. **improbata Mouss.** (Coll. Nr. 1409.)

#### 1215a. **H. Davidiana Bourguignat.** †

«Testa anguste umbilicata, conoideo-depressa, subtus convexa, solida, cretacea, non nitente, sordide albidula, superne submaculata, subtus subzonata, ac valide costata (costis validis irregulariter rugulosis); spira elato-conica; apice corneo, laevigato, obtuso; anfractibus  $5\frac{1}{2}$  convexis, regulariter crescentibus (prioribus carinatis), sutura valde impressa separatis; ultimo paululum majore, subcompresso, subtus convexo, antice lente regulariter sensimque descendente; apertura obliqua, vix lunata, subangulato-oblonga; peristomate acuto, recto, intus paululum incrassato; marginibus (inferiore subpatulo, columellari reflexo) conniventibus, approximatis, callo tenui diaphanoque junctis. — Diam. 9, alt. 7 mill.» (B.)

*Helix Davidiana Bourg.* Moll. nouv., litig. etc. III. 1863. p. 72. t. 10. f. 8—10.

Habitat circa Hierosolymas (L. Raymond).

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1216. **profuga A. Schmidt.** — *Helix fasciolata* Moq. — *H. striata* Benoit Ill. test. Sicil. p. 133. t. 3. f. 3 ex parte.

1219. **Nilssoniana Beck.** — *H. ericetorum* Nilss.?, a Westerlund (Malak. Bl. 1867. p. 200) ad *H. costulata* Zgl. relata.

1228. **apicina Lam.** — Benoit Ill. test. Sicil. III. p. 141. t. 3. f. 12.

1229. **conspurcata Drap.** — Benoit Ill. test. Sicil. III. p. 142. t. 3. f. 11.

## §. 48.

1232. **filimargo Ziegl.** — *Helix taurica* Partsch.

1234. **explanata Müll.** — *Bourg.* Malac. chat. d' If t. 4. f. 9. 10.

1238. **Usticensis Calc.** — *Benoit* Ill. test. Sicil. IV. p. 190. t. 5.  
(non t. 4) f. 2.

1238 a. **H. dormiens Benoit.** †

« Testa umbilicata, semigloboso-pyramidata, costulato-striata, albida, inferne rufo-multifasciata, superne maculis strigisque fuscis ornata; spira subelevata, pyramidata; anfractus sex carinati, supra subplanulati, ultimus basi convexus, antice non descendens; umbilicus mediocris, pervius; apertura lunato-angulata; peristoma rectum, acutum, intus albo-labiatum, marginibus distantibus, columellari reflexiusculo. — Diam. maj. 13, min.  $11\frac{1}{2}$ , alt. 8 mill.» (B.)

β. *unicolor*: testa tota albida; interdum subtus obsolete rufo-fasciata.

γ. *rugulosa*: testa albido-rufescens, costulato-rugosa, subtus unicolor, supra maculis distantibus fuscis seriatim dispositis ornata.

*Helix dormiens* Benoit Ill. test. estr. Sicil. III. 1859. p. 137.  
t. 3. f. 4.

Habitat in insula Maretimo Siciliae (Reina).

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1239. **Rozeti Mich.** — *Helix amanda* Benoit Ill. test. Sicil. IV. p. 188.  
t. 4. f. 29.

1240 a. **H. multifaria Ziegler.**

T. angustissime umbilicata, turbinato-depressa, carinata, solida, conferte costulato-striata, albida, punctis corneis irregulariter conspersa; spira turbinata, vertice minuto, pallido; sutura submarginata; anfr. 5 planiusculi, ultimus carinatus, antice infra carinam acutam penultimi descendens, carina evanescente, subtus convexiusculus; apertura obliqua, rotundato-lunaris; perist. rectum, acutum, pone limbum crasse albo-labiatum, marginibus vix convergentibus, columellari subverticali, vix patente. — Diam. maj.  $10\frac{2}{3}$ , min.  $9\frac{2}{3}$ , alt. 7 mill. (Coll. Zelebor.)

*Helix multifaria* Ziegl. teste Zeleb. in litt.

Habitat in insula Cypro (Unger et Kotschy).

Obs. Haec species non est eadem, quam olim eodem nomine designatam vidi et (Mon. Hel. I. p. 158) ad *H. variabilis* varietates retuli. Nostra potius *H. Brondeli Bourg.* (Amén. mal. t. 13. f. 7 — 9) persimilis, sed testa solida, carina non crenulata, potius antice evanescente, etc. facile distinguenda.

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1241. **rugosa Chemn.** — *Benoit* Ill. test. Sicil. IV. p. 183. t. 4. f. 25.

1241a. **H. Tineana Benoit. †**

«Testa pervio-umbilicata, orbiculato-depressa, confertim et subtiliter costulata, sordide alba, concolor vel rufo-fasciata; spira subplanata, apice fusculo, laevi; anfractus quinque planiusculi, obtuse carinati, ultimus superne rotundatus (carina ad aperturam evanida), basi convexus, antice vix descendens; sutura parum impressa, marginata; apertura ovato-rotundata, vix obliqua; peristoma acutum, intus rufo-labiatum, marginibus conniventibus. — Diam. maj.  $12\frac{1}{2}$ , min.  $10\frac{1}{2}$ , alt.  $5\frac{1}{2}$  mill.» (B.)

*Helix Tineana Benoit* Ill. test. estr. Sicil. IV. 1862. p. 185.  
t. 4. f. 24.

Habitat prope Calatafimi Siciliae.

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1245. **Spratti Pfr.** — An eadem species:

1245a? **H. Schembriana Schwerzenbach.**

«Testa perspective umbilicata, lenticularis, compresso-carinata, regulariter et confertim costulata, concolor albida vel ferruginea, supra planulata spiraliter canaliculata, subtus convexiuscula; anfractus quinque elato-gibbosuli, ultimus antice non descendens; carina utrinque compressa, serrulata, superne suturam marginans; apertura acute angulata, coarctato-securiformis, nihil obliqua; peristoma rectum, acutum, intus albido-sublabiatum, marginibus conniventibus, columellari expanso. — Diam. maj.  $11\frac{1}{2}$ , min. 10, alt.  $4\frac{1}{2}$  mill.» (B.)

*Helix Schembri Schwerzenb.* teste *Calcara* (Benoit).

— *Schembriana Benoit* Ill. test. estr. Sicil. IV. 1862. p. 182.  
t. 4. f. 26.

Habitat in insula Malta.

Obs. Cl. *Benoit Helicem Schombri* «*Scac.*» *Pfr.* Mon. I. p. 444, sibi ut videtur incognitam, huc trahit. Species descripta omnino cum *H. Spratti Pfr.*, *Melitensi*, convenit, etsi umbilicus in icone paulo angustior appareat. Conf. *H. Schombrii Scacch.* Nr. 1248 in Addend.

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1248. **Schombrii Scacchi.** — *Helix calcarata Benoit* Ill. test. estr. Sicil. IV. p. 203. \*) t. 5. f. 11.

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\*) «Testa profunde umbilicata, subgloboso-pyramidata, oblique rugoso-costulata, albida, vel concolor vel fusco-fasciata; spira pyramidata, obtusa; anfractus sex convexiusculi, carinati (carina crenulato-filocincta), ultimus basi convexus, antice non descendens; sutura satis impressa, marginulata; apertura lunato-angulata, vix obliqua; peristoma rectum,

1251a. **H. catocyphia Bourguignat.** †

«Testa parvula, rimato-perforata, supra planulata, subtus convexa, carinata; omnino albida, cretacea, striata; anfractibus  $4\frac{1}{2}$  sat celeriter crescentibus, supra planulatis, sutura lineari separatis; ultimo magno, acute carinato, supra plano, subtus dilatato-convexo, ad aperturam non descendente; apertura lunata, subangulata, in ventre penultimi, tuberculo cretaceo, ornata; peristomate simplice, acuto, intus paululum incrassato; labro columellari reflexiusculo, perforationem subobtegente. — Alt. 6, diam. 40 mill.» (B.)

*Helix catocyphia* Bourg. Malac. terr. chat. d'If p. 43. t. 4. f. 1—3.

Habitat in insula «île du château d'If» prope Marseille Galliae.

Obs. Characteres illis *Helicis callosae* Ant., Pfr. Mon. I. p. 475, solum ex descriptione Auctoris cognitae, bene respondent. Spira *H. catocyphiae* «supra planulata» dicitur, sed in icone subturbinata apparet.

## §. 50.

1254. **Caroni Desh.** — Benoit Ill. test. Sicil. IV. p. 205. t. 5. f. 44.

1257. **elata Faure-Big.** — Benoit Ill. test. Sicil. IV. p. 204. t. 5. f. 45, cum var. *dilatata* p. 205. t. 5. f. 46.

1257a. **H. Sequentiana Benoit.** †

«Testa perforata, coarctato-conica, apice rotundato-cornea, basi planiuscula, costulata, albida; anfractus 9 — 10 carinati, non exerti, superne vix convexiusculi, laevigati, reliqui plani, marginati, ultimus antice non descendens; apertura angulato-depressa; peristoma acutum, intus remote labiatum, margine basali reflexiusculo. — Diam. maj. 7, min.  $6\frac{1}{2}$ , alt.  $8\frac{1}{2}$  mill.» (B.)

*Helix elata* Pirajno Moll. Madon. p. 47. Non *Fér.*, nec *Phil.*

— *Sequentiana* Benoit Ill. test. estr. Sicil. IV. 1862. p. 206. t. 5. f. 48.

Habitat prope Cefalù Siciliae.

Obs. Dicata domino *Sequenza*, Messinensi.

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acutum, intus remote labiatum, margine basali patulo. — Diam. maj. 8, min. 7, alt.  $5\frac{1}{2}$  mill. — Ins. Malta.» (Ben. l. c.) — Unde nomen: *H. Schombrii*, in collectionibus germanicis a *Frivaldszky* et *Rossmässler* introductum et in Monographia adoptatum, originem ducat, dubium est, quum Cl. Benoit in adnotatione ad *H. Schembrianam* (= *Spratti* Pfr.) affirmet, eam non a cl. *Scacchi* esse nominatam.



1259. **apiculus Rossm.** — *Helix Cumiae Calc.*, Benoit Ill. test. Sicil. IV. p. 202. \*) t. 5. f. 6.

1260. **pyramis Phil.** — Benoit Ill. test. Sicil. IV. p. 207 adnot. t. 5. f. 17. (Nunquam iterum reperta. An forte status abnormis *H. Caroni*?)

1263. **H. serrulata Beck.** †

«Testa angustissime perforata, parva, trochiformi, carinata, carina moniliformi - tuberculata; apertura subovato - depressa; peristomate simplici. — Alt. et lat.  $2\frac{2}{3}$  lin.; anfr. 5.» (Rossm.)

*Helix serrulata Beck*, Rossm. Icon. II. 11. p. 3. t. 51. f. 692.  
Non Pfr. Mon.

Habitat in Egypto.

1263 a. **H. philammia Bourguignat.**

«Testa subperforata, conico - turrita, subtus convexa, carinata, opaca, cretacea, sordide albida, subtus zonulata, supra striis rugosis, crispulatis irregulariter valide corrugata, subtus minus crispulato - costulata; spira conico - elata; apice minuto, corneo, laevigato; anfractibus  $6\frac{1}{2}$  subplanulatis, regulariter crescentibus tuberculoso - carinatis (carina suturam sequens); ultimo paululum majore, carinato (carina serrulata in medio anfractu), supra convexiusculo, subtus convexo, antice subito deflexo; apertura obliqua, parum lunata, late transverse oblonga, ad marginem externum angulata; peristomate recto, acuto, intus incrassato, margine basali reflexiusculo; margine columellari reflexo, parvulam perforationem semitegente; marginibus convergentibus, sat approximatis. — Diam. 13, alt. 12 mill.» (Bourg.)

*Helix crenulata Lam.*, Desh. Non Müll., nec Oliv.

— *serrulata Auct.*, Pfr. Mon. I. p. 178. Nr. 463; V. p. 214.  
(Coll. Nr. 564.) Non Beck.

— *philammia Bourg.* Moll. nouv., litig. etc. III. 1863. p. 64.  
t. 10. f. 1—3.

Habitat in Egypto boreali, Syria meridionali et in oris sinus Persiani.

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\*) «Testa anguste perforata, subgloboso - conica, oblique costulata, albida, vel unicolor, vel superne fusco - maculata subtusque unifasciata; spira conica, obtusiuscula; anfractus sex subconvexi, carina serrulato-filiformi cincti, ultimus basi convexiusculus, antice non descendens; sutura marginata; apertura depresso - lunaris, subangulata, obliqua; peristoma rectum, acutum, intus valide labiatum, margine columellari reflexiusculo. — Diam. maj.  $9\frac{1}{2}$ , min.  $8\frac{1}{2}$ , alt.  $7\frac{1}{2}$  mill.» (Ben. I. c.)

1263b. **H. ptychodia Bourguignat. †**

«Testa anguste umbilicata, conoidea, subtus rotundato-convexa, serrulato-carinata (carina in ultimo evanescens), fragili, sat tenui, sordide albidula, supra tuberculosa, crispulato-costata, subtus striata, paululum rugosa; spira conoidea, sat elata; apice prominente, corneo, laevigato; anfractibus 6 convexiusculis, celeriter crescentibus, sutura impressa separatis; anfractibus prioribus rotundatis, leviter striatis, tribus medianis supra crispulato-costatis ac acute serrulato-carinatis (carina suturam sequens); tandem ultimo maximo dilatato, subrotundato, non carinato, supra rugoso, subtus leviter subcrispulato, antice subito vix deflexo; apertura obliqua, parum lunata, rotundata; peristomate recto, acuto, intus paululum incrassato; margine columellari reflexo, praesertim ad partem superiorem; marginibus tenui callo albido, nitente junctis. — Diam. 15, alt. 12 mill.» (B.)

β. Minor, carina denticulata prominentiore.

*Helix ptychodia* Bourg. Moll. nouv., litig. 1863. p. 66. t. 10. f. 4—7.

Habitat in Egypto boreali, circa Alexandriam, var. β in Isthmo Suezensi.

Obs. Cl. Auctor *Helicem crenulatam* Oliv., Fér. formam valde conicam hujus speciei esse declarat.

1264. **H. tuberculosa Conrad.**

«Testa anguste subperforata, trochiformi, supra conico-tectiformi, subtus convexa, opaca, cretacea, sordide albidula vel pallide ochracea, oblique valideque supra corrugato-striata, ac bicarinata (carina prior rugoso-tuberculata ad partem superiorem anfractuum, carina altera, sequens suturam, acuta, valide tuberculoso-serrulata), subtus irregulariter rugosa; spira conoidea, plus minusve elata; apice obtuso, laevigato, corneo; anfractibus 6 supra contabulatis, planulatis (inferioribus exsertis), serrulato-bicarinatis, regulariter crescentibus, sutura impressa separatis; ultimo paululum majore, supra convexiusculo, rugoso-bicarinato, subtus convexo, antice lente descendente, vel quandoque subito deflexo; apertura obliqua, lunata, transverse oblonga, ad marginem externum acute angulata; peristomate recto, acuto, intus leviter labiato; margine dextro recto; margine basali reflexiusculo; margine columellari reflexo, parvulam perforationem semitegente, praesertim in speciminibus adultis; marginibus sat convergentibus. — Diam. 12—13, alt. 10—12 mill.» (B.)

β. Conico-turrita; diam. et alt. 14 mill. (*H. tuberculosa* Roth.)

*Helix tuberculosa* Conr., Pfr. Mon. IV. p. 149. Nr. 931; V. p. 214. (Coll. Nr. 562.)

— — Bourg. Moll. nouv., litig. 1863. p. 60. t. 9. f. 5—7.

Habitat in Syria meridionali.

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1267. **terrestris Chemn.** — *Helix trochulus* Hartm.

1268. **H. Ledereri Pfr.**

« Testa sat aperte umbilicata, supra gradato-conoidea, subtus convexa, acute crenulato-carinata, opaca, cretacea, supra sordide albidula, subtus fusco-zonata, ac oblique irregulariterque plicata; spira compressa, vix elata; apice minuto, corneo, laevigato; anfractibus 6 supra planulatis, contabulatis, saepissime exsertis, acute carinatis (carina crenulata), ac sensim accrescentibus; ultimo majore, basi convexo, supra planulato vel subconvexiusculo, acute carinato, antice lente descendente ac quandoque ad insertionem labri externi paululum subito deflexo; apertura obliqua, vix lunata, superne rectiuscula, ad marginem externum angulata, infra rotundata; peristomate recto, acuto, intus incrassato; margine columellari reflexiusculo; marginibus approximatis. — Diam. 8—14, alt. 5—9 mill.» (B.)

*Helix Ledereri* Pfr. Mon. Hel. IV. p. 150. Nr. 934; V. p. 214. (Coll. Nr. 565.)

— — Bourg. Moll. nouv., litig. etc. 1863. p. 69. t. 11. f. 1—11.

— *syrensis* Bourg. Catal. rais. 1853. p. 34.

Habitat in insula Cypro, Syria, Egypto et in Tripoli.

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1269. **Numidica Moq.** — Bourg. Malac. chat. d'If p. 16. t. 1. f. 4 — 8, cum varr.: *ecarinata*, *concolore* et *zonata*.

1270. **trochoides Poir.** — Benoit Ill. test. Sicil. IV. p. 200. t. 5. f. 9.

§. 51.

1285. **Lombardeaui Montr.** — H. Lombardoi Gassies Faun. Nouv. Caléd. p. 31. t. 1. f. 16.

1289. **gularis Say.** — *Hyalina gularis* et *bicostata* (Gastrodonta) A<sup>2</sup>. 74.

§. 53.

1321a. **H. Bocconiana Benoit.** †

« Testa perforata, turbinato-subglobosa, pallide fulva, subpellucida, nitida; anfractus quatuor convexiusculi, ultimus

subangulatus, basi subplanulatus; apertura lunato - trapezialis, lamellifera, lamellis duabus albidis, altera in margine columellari, altera in pariete aperturali; peristoma rectum, acutum, prope perforationem reflexiusculum. — Diam. maj.  $1\frac{2}{3}$ , min.  $1\frac{1}{2}$ , alt.  $1\frac{1}{3}$  mill.» (B.)

*Helix Bocconiana* Benoit Ill. test. estr. Sicil. III. 1859. p. 144.  
t. 4. f. 7.

Habitat in Sicilia.

Obs. Icon citata descriptioni haud bene respondet.

§. 54.

1335. **Mariei Crosse.** — Crosse in Journ. Conch. XV. 1867. p. 312.  
t. 11. f. 1.

1335a. **H. Schwerzenbachi Calcara.**

« Testa umbilicata, subgloboso-depressa, pellucida, nitida, glabra, corneo-fulvescens; anfractus tres convexi, ultimus subangulatus, mediocriter inflatus; apertura rotundato-lunata; peristoma rectum, acutum, patulum, pariete aperturali lamellam intrantem gerente. — Diam. maj.  $1\frac{1}{4}$ , min.  $1\frac{1}{6}$ , alt.  $\frac{2}{3}$  mill.» (B.)

*Helix Schwerzenbachi* Calc., Pfr. Mon. Hel. I. p. 430; V. p. 149.  
Nr. 719. (Coll. Nr. 301?)

— *Schwerzenbachiana* Benoit Ill. test. estr. Sicil. III. 1859.  
p. 144. t. 4. f. 8.

Habitat in Sicilia.

‡ Obs. Icon citata nec descriptioni, nec speciminibus, quae sub eodem nomine accepi, bene respondet!

1335b. **H. templorum Benoit. †**

« Testa pervio-umbilicata, depresso-turbinata, minutissime costulata, pallide fulva; anfractus quinque, vix convexi, ultimus subangulatus, basi subdepressus; apertura lunato-rotundata; peristoma simplex, rectum, acutum, marginibus distantibus, pariete lamella erecta, intrante munito. — Diam. maj.  $2\frac{1}{3}$ , min. 2, alt.  $1\frac{1}{4}$  mill.» (B.)

*Helix templorum* Benoit Ill. test. estr. Sicil. IV. 1862. p. 194.  
t. 8. f. 2.

Habitat prope templum Selinuntinum Siciliae.

## §. 55.

1337 a. **H. depauperata** Lowe.

T. anguste umbilicata, globoso-depressa, solidula, ecarinata, rugosa et undique sub lente minutissime granulata, sordide alba, plerumque luto obducta; spira subconoideo-convexa, vertice subtili; anfr. 5 convexi, ultimus rotundatus, antice deflexus, basi circa umbilicum regularem, angustissimum turgidus; apertura diagonalis, sublunato-circularis; perist. continuum, ad anfr. contiguum vix solutum, intus labiatum, rectum, margine columellari reflexiusculo. — Diam. maj.  $7\frac{3}{4}$ — $9\frac{1}{4}$ , min.  $6\frac{1}{3}$ —8, alt.  $4\frac{1}{2}$ — $5\frac{2}{3}$  mill. Ap.  $3\frac{2}{3}$ —4 mill. alta. (Coll. Nr. 527.)

*Helix depauperata* Lowe, *Pfr. Mon. Hel.* I. p. 166; IV. p. 144; V. p. 208. Nr. 1208.

Habitat in insula Portosancto.

1337 b. **H. dealbata** Lowe.

T. rimato-perforata, conoideo-depressa, solida, ruguloso-striata et superne minutissime granulata, griseo-albida; spira breviter conoidea, vertice subtili, lutescenti-corneo; anfr.  $5\frac{1}{2}$ — $6\frac{1}{2}$  vix convexiusculi, regulariter accrescentes, ultimus magis minusve distincte carinatus, infra carinam saepe linea cornea cinctus, antice deflexus, basi modice convexus, nitidulus, paulo devians, rimam brevem formans; apertura perobliqua, subcircularis, intus fulvo-carnea; perist. continuum, fulvidum, anfractui contiguo breviter appressum, margine dextro recto, basali reflexiusculo. — Diam. maj.  $8\frac{1}{2}$ — $10\frac{1}{2}$ , min. 7—9, alt.  $4\frac{1}{2}$ — $5\frac{1}{2}$  mill. Apert.  $3\frac{1}{2}$ —4 mill. alta. (Coll. Nr. 524.)

*Helix dealbata* Lowe, *Pfr. Mon. Hel.* I. p. 166; IV. p. 140; V. p. 208. Nr. 1205.

Habitat in insula Portosancto.

## §. 59.

1361. **crispata** Fér. (p. 226 sphalm. *crispata* Pfr.)

1367. **cincta** Müll. — *Helix lemniscata* Brum.

1371. **melanostoma** Drap. — *Bourg. Malac. chat. d'If* p. 44, cum var. *vittata*. — *H. rugosa* Ant.

1380. **candidissima** Drap. — *Benoit Ill. test. Sicil.* p. 100. t. 2. f. 4.

## §. 63.

1410 a. **H. Calypso** Benoit. †

«Testa obtecte perforata, subdepressa, lactea, striato-rugosula; anfractus quinque vix planiusculi, subcarinati, ultimus

antice subito deflexus; apertura lunato - rotundata, coarctata, perobliqua, intus fuscula; spira parum exerta; peristoma patulum, albo-sublabiatum, marginibus approximatis, columellari subarcuato, strictiusculo, calloso, macula umbilicali rufescenti. — Diam. maj. 14, min.  $12\frac{1}{2}$ , alt. 9 mill.» (B.)

*Helix Calypso* Benoit Ill. test. estr. Sicil. III. 1859. p. 125.  
t. 2. f. 18.

β. Var. *Huetiana*: testa duplo major, spira minus exerta, margine columellari subdentato. (t. 5. f. 1.) — Diam. maj. 20, min. 17, alt. 12 mill.

Habitat in Sicilia.

Obs. Ex icone haec species eadem esse videtur, quam 1853 nomine *H. Eugeniae* descripsi.

#### §. 64.

1421. **pomatia** Linn. — *H. rustica*, *Gesneri* et *sphaeralis* Hartm.

1423. **Gussoneana** Shuttl. — *H. decussata* Parr.

#### §. 65.

1447. **solata** Bens. — *H. soluta* Reeve.

1453. **Saisseti** Montrouz. — *Helix Saisseti* Gassies Faun. Nouv. Caléd. p. 25. t. 1. f. 8.

1454. **astur** Souverbie. — *Gassies* Faun. Nouv. Caléd. p. 24. t. 1. f. 7.

#### §. 66.

1460. **Cobresiana** Alt. — *H. pyramidea* β Hartm.

1463. **Lightfooti** Pfr. — Conf. *H. odontina* Morel. Nr. 72 in Ad-dend. p. 465.

#### §. 68.

1472. **Cysis** Bens. — *Helix cystis* Reeve.

1478. **bulbus** Menke. — *Dorcasia bulbus* Mörch in Journ. Conch. XV. 1867. p. 257.

1479. **Kraussi** Pfr. — *Dorcasia Kraussi* Mörch ibid. p. 257.

#### §. 69.

1493. **edentula** Drap. — *H. depilata* Drap.

#### §. 70.

1500 a. **H. Velascoi** Hidalgo. †

«Testa umbilicata, orbiculato-depressa, solidula, inaequaliter striata, opaco-albida, fulvo-corneo irregulariter radiata; spira parum elevata, convexiuscula; anfr.  $5\frac{1}{2}$ , convexi, ultimus



antice descendens, subdilatus; apertura rotundato-lunaris; peristoma simplex, album, vix labiatum, margine supero recto, basali breviter, columellari latius reflexo. — Diam. maj.  $45\frac{1}{2}$ , min.  $43\frac{1}{2}$ , alt. 8 mill. » (H.)

β. Fulvo-cornea, albido strigata et ad peripheriam unifasciata.

*Helix Velascoi* Hid. in Journ. Conch. XV. 1867. p. 440. t. 12. f. 3.

Habitat in Hispania: Pico de Altamira in «Peña de Gorbea» Biscayae; var. β in monte Aloñah prope Oñate.

### §. 71.

1517. **inaequalis** Pfr. — Gassies Faun. Nouv. Caléd. p. 32. t. 1. f. 47a. b. — Var. *C. castanea*, conica: *H. Fischeri* Gass., Pfr. Mon. V. p. 162. Nr. 831. — Animal viviparum: *Marie* in Journ. Conch. XV. 1867. p. 293. — Nova Caledonia.

### §. 72.

1539. **Osbecki** Phil. — *Nanina Osbeckii* (Discus) A<sup>2</sup>. 62.

1557a. **H. Henschei** Pfr.

T. sublate umbilicata, convexo-depressa, solidula, carinata, striata, albido-cornea, fasciis 4 angustis fulvidis, 2 supra, 2 infra carinam et periomphalo lato fulvo signata; spira parum elevata, convexa; sutura marginata, levis; anfr.  $5\frac{1}{2}$  vix convexiusculi, lente accrescentes, ultimus non descendens, antice subdilatus, subtus planiusculus; apertura perobliqua, subtriangulato-lunaris; perist. rectum, marginibus convergentibus, callo tenui junctis, supero antrorsum arcuato, basali incrassato, cum columellari brevi, subverticali fere angulum formante. — Diam. maj. 48, min.  $45\frac{1}{2}$ , alt. 7 mill. (Coll. Nr. 1440.)

*Helix Henschei* Pfr. in Malak. Bl. XIV. 1867. p. 197.

Habitat in Nova Caledonia, teste M. Landauer.

### §. 73.

1569. **approximata** Guill. — *Trochomorpha approximata* Mart. in Monatsber. Berl. Ak. 1864. p. 267?, serius (Ostas. Zool. II. p. 249) ad *H. planorbem* relata.

1577. **polymorpha** Lowe. — *Helix taeniata* Reeve?

### §. 74.

1589. **dictyodes** Pfr. — Gassies Faun. Nouv. Caléd. p. 37. t. 1. f. 19. — Nova Caledonia.

1597a. **H. Mogadorensis Bourguignat.** †

« Testa perspective pervio - umbilicata, depressa, supra paululum tectiformi, bicarinata, solida, cretacea, opaca, sordide luteolo - albida, ac strigis irregularibus crispis et tuberculis undique corrugata; spira depresso - compressa; apice minuto, corneo, laevigato; anfractibus 5 regulariter crescentibus, supra planulatis, acute carinatis (carina suturam fere linearem sequens); ultimo paululum majore, antice descendente, ac valide bicarinato (carina una compressa, acuta, subdenticulata fere in medio anfractus, altera acuta, prominente circa umbilicum); apertura obliqua, subtetragona; marginibus (superiore acuto, recto, inferiore intus incrassato ac leviter patulo, columellari reflexo) conniventibus, valde approximatis, callo albido junctis. — Diam. 17, alt. 8 mill. » (B.)

*Helix Mogadorensis* Bourg. Moll. nouv., litig. 1863. p. 57.  
t. 9. f. 1—3.

Habitat prope Mogador regni Maroccani.

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1614. **lenticula Fér.** — Benoit Ill. test. Sicil. IV. p. 191. t. 4. f. 27.  
1615. **Segestana Phil.** — *Helix scabriuscula* var. Benoit Ill. test. Sicil. III. p. 179. t. 4. f. 30a—c.

## §. 75.

1631. **scabriuscula Desh.** — Benoit Ill. test. Sicil. III. p. 178. t. 4. f. 30d—h.  
1645. **cinctella Drap.** — Benoit Ill. test. Sicil. IV. p. 203. t. 5. f. 12.

## §. 79.

1670. **Edgariana Lea.** — *Helix spinosa* var. Gould.

## §. 80.

1680. **antiqua Adams et Reeve.** — Mart. Ostas. Zool. II. p. 322.  
— Diam. 30, alt. 31 mill.  
1682. **Montfortiana Pfr.** (Coll. Nr. 1411.)  
1699. **Dumonti Pfr.** — *Bulimus Dumonti* Mörch.  
1702. **Louisiadensis Forb.** (Coll. Nr. 1412.)  
1711. **Gossei Adams.** — *Helix subconica* var. Reeve.

## §. 82.

1731. **opalina Sow.** — *Bulimus opalinus* Alb.

## §. 84.

1754. **turbo Pfr.** — *Bulimus turbo* Alb.  
1755. **Seckendorffiana Pfr.** — *Bulimus Seckendorffianus* Alb.

## §. 85.

1765. **turbinoides Brod.** — *Bulimus turbinoides Alb.*  
 1772. **Fraseri Gray,** — *Sphaerospira Mörch* in Journ. Conch. XV.  
 1867. p. 256.  
 1778. **solida Pfr.** — *Helix sphaerion var. Reeve.*  
 1779. **aspersa Müll.** — *Benoit Ill. test. Sicil. p. 74. t. 4. f. 9.*  
 1790. **Sicana Fér.** — *Benoit Ill. test. Sicil. p. 79. t. 4. f. 14. 15.*  
 1791. **platychela Menke.** — *Benoit Ill. test. Sicil. p. 77. t. 4.*  
*f. 11a—f, cum varr.: H. Rosaliae Ben. t. 4. f. 12 et γ depressa:*  
*H. Iparia Benoit t. 4. f. 13. — Synon. H. praetextata Jan.*

## §. 86.

1802. **pubicepa Mart.** — *Helix tortistylis Mouss. in coll. (Mart.)*  
 1814. **Dominicensis Pfr.** — Var. *H. extensa Pfr. olim.*

## §. 87.

1862. **extensa Müll.** — *Mart. Ostas. Zool. II. p. 334. Diam. maj.*  
*29, min. 22½, alt. 22—23; apert. long. 17, lat. 15 mill. — Ins.*  
*Goram.*

## §. 89.

1891. **lactea Müll.** — Synon. *H. rugulosa Risso, teste Bourg. Moll.*  
*Alp. Marit. p. 32.*  
 1893. **vermiculata Müll.** — *Benoit Ill. test. Sicil. p. 82. t. 4. f. 16.*  
*Var.: testa minor, subglobosa, non depressa, solidior, apertura*  
*arcte lunari; diam. maj. 21, min. 18, alt. 15½ mill. (t. 4. f. 17):*  
*Helix Linusae Calc. moll. Sicil. Agosto 1846; Descriz. della isola*  
*de Linosa 1854. p. 26.*  
 1896. **nemoralis L.** — *H. cincta Shepp.*  
 1900. **Melitensis Fér.** — *Benoit Ill. test. Sicil. p. 401. t. 2. f. 2.*  
 1900a. **Scherzeri Zeleb.** — *Pfr. Mon. V. p. 296. Nr. 1929. — Gi-*  
*braltar. (Errore testis Nicobaricis adscripta: Zeleb. in litt.)*  
 1907a. **asteia Bourg.** *Moll. nouv., litig. etc. I. p. 11. t. 3. f. 5—8.*  
 1908. **Niciensis Fér.** — *H. nicaeensis Rossm.*  
 1910. **serpentina Fér.** — *Benoit Ill. test. Sicil. p. 408. t. 2. f. 8.*  
*12. 49.*  
 1912. **muralis Müll.** — *Benoit Ill. test. Sicil. p. 444. t. 2. f. 7, cum*  
*var. costulata f. 9. 40 et crispata f. 15. — Var. ♂? vide spec. seq.*

19128? **H. Tiberiana Benoit.**

« Testa obtecte perforata, non depressa pyramidata, unicolor lactea vel rufo-maculata, costulato-rugosa, magis supra, quam in basi; anfractus quinque subplanulati, obsolete carinati, ultimus antice deflexus; spira exerta; apertura ovato-lunata, macula umbilicali rufescente; peristoma reflexiusculum, albo-labiatum, margine columellari dilatato, appresso, calloso. — Diam. maj. 24, min. 17, alt. 13 mill.» (B.)

*Helix Tiberiana* Benoit Ill. test. estr. Sicil. III. 1859. p. 119.  
t. 2. f. 17.

Habitat in Sicilia.

Obs. Nonne *H. muralis* Müll. var. major?

### 1913. *H. provincialis* Benoit.

«Testa obtecte perforata, subdepressa, glabriuscula, subtiliter striata, lactea, sparsim et indistincte subrufo-maculata; anfractus quinque subplanulati, ultimus subangulatus, antice deflexus; spira exertiuscula, apice laevissimo, corneo; apertura perobliqua, ovali-rotundata; peristoma albo-sublabiatum, margine dextro expanso, basali reflexo, appresso, calloso. — Diam. maj. 18<sup>1</sup>/<sub>2</sub>, min. 16, alt. 12<sup>1</sup>/<sub>2</sub> mill.» (B.)

*Helix provincialis* Benoit Ric. malac. 1842. p. 8; Ill. test. estr. Sicil. III. 1859. p. 118. t. 2. f. 13.

— — Pfr. Mon. IV. p. 226. Nr. 1438; V. p. 292.  
(Coll. Nr. 933.)

β. *unicolor*. T. tota lactea, glabra, macula umbilicali rufescente. (t. 2. f. 14.)

γ. *fasciata*. T. interrupte quadrifasciata, intus saturate fusco-fasciata. (t. 2. f. 16.)

*Helix saracena* Benoit olim in sched.

Habitat in Sicilia.

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1914. **globularis** Ziegl. — Benoit Ill. test. Sicil. p. 122. t. 2. f. 6, cum var. *conspicua* (t. 2. f. 11.) et *Cossurensi* (Testa minor, spira minus elevata, maculis latis confertis exornata: *H. Friwaldskyi* Calc. Cat. moll. Sicil. 1846.)

1916. **Nebrodensis** Mandr. — Benoit Ill. test. Sicil. p. 102. t. 2. f. 3. 4.

1917. **Surrentina** A. Schmidt. — *Helix carsoliana* Benoit Ill. test. Sicil. p. 104. t. 2. f. 5.

### §. 90.

1921. **Kurdistana** Parr. — Bourg. Moll. nouv., litig. etc. IV. p. 87. t. 13. f. 1—4. — Var.: *H. Michoniana* Bourg. ibid. p. 89. t. 14. f. 5—8.

1922. **guttata** Oliv. — Bourg. ibid. p. 91. t. 14. f. 1—4. — De H. *Bellardii* Mouss. conf. Bourg. ibid. p. 105. t. 15. f. 1—7.

1923. **Caesareana** Parr. — Bourg. ibid. p. 94. t. 16. f. 1—9. t. 17. f. 1—8. — *H. caesarea* Boiss.

(1929. *Scherzeri* Zeleb. vid. Nr. 1900 a in Addend.)

### §. 91.

1930. **Ehrenbergi** Roth. — Bourg. Moll. nouv., litig. etc. IV. p. 85. t. 12. f. 1—9.

1942 a. **Bonduelliana Bourg.** ibid. I. p. 9. t. 3. f. 4—4.

§. 93.

1970. **clausomphalos Dev.** et **Hupé.** — *Morelet* Sér. conch. III. p. 462, cum var.  $\beta$ : alba, ferrugineo-fasciata.

§. 96.

1991. **Grohmanni Phil.** — *Benoit* Ill. test. Sicil. p. 443. t. 4. f. 31.

1992. **Paciniana Phil.** — *Benoit* Ill. test. Sicil. p. 420. t. 4. f. 28.

§. 97.

1992 a. **pyrostoma Fér.**, *Pfr.* Mon. V. p. 308. Nr. 2044. — *Mart.* Ostas. Zool. II. p. 325. («Testa imperforata, convexo-depressa, carinata, solida, striatula, lardeonitens, brunneo-flava, spira parum prominula, apice plana; anfr.  $4\frac{1}{2}$ , supra vix convexiusculi, ultimus infra convexior et sparse malleatus, antice carina evanescente rotundatus, sat descendens; apertura perobliqua, rotundato-lunata, fauce rubente; peristoma calloso-incrassatum, undique expansum, *laete sanguineum*, marginibus conniventibus callo ejusdem coloris junctis, columellari dilatato et subtuberculato, sat obliquo. — Diam. maj. 57—62, min. 46—48, alt. 33—34; apert. long. incl. perist. 38—39, excluso 25 (24) — 27 ( $23\frac{1}{2}$ ) mill. — Excludatur var. a *Wallace* indicata.»)

1992 b. **H. xanthostoma Herklots.** †

«Testa imperforata, subdepressa, angulata, solidula, *striis plicaeformibus* aperturae parallelis levibus paulum inaequalibus sat confertis sculpta, nitidula, obscure virescenti-fusca, *punctis luteis adspersa*; spira brevis, obtusa; anfr.  $4\frac{1}{2}$ , vix convexi, ultimus obtuse angulatus, ad aperturam satis deflexus; apertura perobliqua, lunato-ovalis; peristoma anguste expansum, paulo incrassatum, pallide aurantium; margo columellaris valde obliquus, *angulum* distinctum cum margine basali efficiens. — Diam. maj. 50, min. 39, alt. 34; apert. long. 26, alt. 24 mill.» (v. M.)

*Helix xanthostoma Herkl.* in Mus. Lugd. Bat.

— — — (Phania) *Mart.* Ostas. Zool. II. p. 327.

*Phania pyrostoma* var. labiis lutescentibus *Wallace* in Proc. Zool. Soc. 1865. p. 408.

Habitat in insula Batjan (Bernstein, Wallace).

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1999. **conformis Fér.** — Conf. *Mart.* Ostas. Zool. II. p. 393.

§. 99.

2011. **Aphrodite Pfr.** — *Gassies* Faun. Nouv. Caléd. p. 27.

## §. 400.

- (2014. *pyrostoma* Fér. [et 2013. *lampas* Müll. ?] in §. 97 transferenda!)  
 2021. **Arangiana Poey.** — *Helix Redfieldiana* Poey olim.

## §. 401.

2046. **suffulta Bens.** — Conf. *H. odontina* Morel. Nr. 72 in Ad-  
 dend. p. 465.  
 2056. **xanthodon Ant.** (Coll. Nr. 1413.)  
 2057. **Tigri Gerv.** — *Helix Tigriana* Bourg. Moll. nouv., litig. etc.  
 p. 6 adnot. t. 1. f. 4—8.  
 2057a. **Burini Bourg.** ibid. p. 5. t. 1. f. 9—12.  
 2057b. **Dastuguei Bourg.** ibid. p. 7. t. 2. f. 4—5.  
 2057c. **ambia Bourg.** ibid. p. 3. t. 1. f. 4—3.

## §. 402.

2058a. **H. Aequatoriana Hidalgo.** †

«T. obtecte subrimata, depressa, orbicularis, solidiuscula, utrinque convexa, undique minute granulata; purpureo-fusca; spira parum elevata, apice obtusa; anfr.  $5\frac{1}{2}$  convexiusculi, regulariter accrescentes, ultimus peripheria subangulatus, antice deflexus, turgidus, lateraliter subcompressus et pone aperturam subconstrictus; apert. perobliqua, quadrangularis, effossa, intus pallide fusca; perist. late expansum, reflexum, subincrassatum, carneo-fuscum, ad dextram unidentatum, marginibus callo tenui junctis, columellari valde dilatato, appresso, umbilicum tegente. — Diam. maj. 74, min. 56, alt. 34 mill.» (Hid.)

*Helix Aequatoriana Hidalgo* in Journ. Conch. XV. 1867. p. 307.  
 t. 8. f. 2.

Habitat in republica Aequatoris.

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2081. **obesa Beck.** — *Helix punctata* Fér.  
 2087. **badia Fér.** — Specimina juniora in insula Martinique ab amico  
*Gundlach* lecta acute carinata et anguste sed aperte umbili-  
 cata sunt.  
 2088. **bidens Chemn.** — *Helix pyramidea* α Hartm.

## §. 403.

2095. **acuta Lam.** — *Helix lucerna* Fér., non Müll.

## §. 405.

2116. **Lessoni Pfr.** — *Sphaerospira Mörch* in Journ. Conch. XV.  
 1867. p. 256.  
 2119. **globulus Müll.** — *Helix rosacea* Jon. — *Dorcasia globulus*  
*Mörch* ibid. p. 257.



§. 107.

2150. **turris H. Ad.** — *Geotrochus turris* Wallace in Proc. Zool. Soc. 1865. p. 411.
2152. **pileolus Fér.** — Papuina *Mart.* Ostas. Zool. II. p. 321. («Testa subobtectate perforata, trochiformis, carinata, solidula, striatula, basi minutim decussato-granulosa, opaca, albida vel fuscescens, fusco-fulminata, apice hepaticofusca; spira conica, plus minusve elata, apice obtusa, sutura superficiali, filomarginata; anfr. 5, superiores 2—3 convexi, sequentes plani, ultimus basi paululum convexiusculus, paululum (rarius non) infra carinam descendens; apertura valde obliqua, rhomboideo-triangularis; peristoma reflexum, album vel pallide roseo-fuscescens, ad angulum externum rostratim revolutum, ad insertionem columellarem dilatatum. — A. *Turrita*, tota alba vel pallide isabellina, strigis fulminatis angustis nigro-fuscis picta, anfr. ultimo distincte descendente (t. 17. f. 9). — B. *Pyramidata*, pallide fuscescens, strigis fulminatis subdiaphanis fuscis latioribus marmorata, basi subunicolore, anfractu ultimo vix vel non descendente (f. 8). — C. *Convexa*, subdepressa, albida, strigis fulminatis pallide fuscis latioribus marmorata, basi subunicolore, anfr. ultimo abrupte descendente. — D. *Depressa*, albida, strigis fulminatis fuscis angustiusculis, basi unicolore (f. 10). — Batjan.» — *Geotrochus pileolus* Wallace in Proc. Zool. Soc. 1865. p. 412.
2155. **Blanfordi H. Ad.** — *Geotrochus Blanfordi* Wallace in Proc. Zool. Soc. 1865. p. 412.
2161. **rhynchostoma Pfr.** — *Mart.* Ostas. Zool. II. p. 321. — *Geotrochus rhynchostoma* Wallace l. c. p. 412.
2162. **lanceolata Pfr.** — Papuina *Mart.* Ostas. Zool. II. p. 320. («Testa semiobtectate perforata, pyramidata, acute carinata, oblique striata et subtilissime undulato-granulosa, supra pallide fuscescens, obsolete fasciata, *infra atosanguinea*, carina pallida; spira mediocriter elata, apice subglobosa; anfr. 5, priores duo convexi, ceteri supra plani, ultimus basi paululum convexus, antice paululum infra carinam descendens; apertura diagonalis, trapezoideo-triangularis; peristoma violascens, margine ad insertionem superam vix expansum, ad angulum externum late revolutum, inferne distincte reflexum, ad insertionem columellarem dilatatum. — Diam. maj. 26—28, min. 21½—22, alt. 17—17½; apert. long. 16—18, lat. 12—13½ mill. — Ternate, Tidore, Moti, Halmahera.»)
2163. **antrorsa Pfr.** — *Helix vitrea* (Cymotropis) A<sup>2</sup>. 469.
2165. **vitrea Fér.** — *Helix albula* Guill., Pfr. Mon. I. p. 328; V. Nr. 2179? — *H. albula* (Papuina) *Mart.* Ostas. Zool. II. p. 319. t. 17. f. 6. («Testa peranguste umbilicata, depresse-pyramidata, acute carinata, tenuiuscula, confertim irregulariter striatula, minutim granulata, haud nitida, isabellino-albida, fascia rufa peripherica angustissima; spira conoidea, apice subglobosa; anfr. 4½, convexiusculi, sutura superficiali, ultimus supra et infra subaequaliter paulum convexus, carina minutim granulata, circa umbilicum obtuse angulatus, antice paululum infra carinam descendens; apertura parum obliqua, trapezoideo-semiovata; peristoma expansum, tenue, pallide roseum, ad insertionem columellarem dilatatum. — Diam. maj. 27, min. 21, alt. 14½; apert. long. 17, lat. 12 mill. — Ins. Moti, Ternate.»)

2172. **Scenoma Bens.** — «β. Depressa: diam. maj. 17, min. 15, axis  $10\frac{1}{2}$  mill.»  
(2179. *albula* Guill. vid. *H. vitrea* Fér. Nr. 2165 in Addend.)

## §. 408.

2192. **pileus Müll.** — Mart. Ostrac. Zool. II. p. 323. — Ins. Aru. — *H. pileata* Gmel.  
2213. **sinistrorsa Desh.** — *Bulinus sinistrorsus* Desh., Gassies Faun. Nouv. Caléd. p. 51. t. 2. f. 3.

## §. 409.

2219. **appendiculata Pfr.** — *Sphaerospira Mörch* in Journ. Conch. XV. 1867. p. 256.  
2223. **Waigiouensis H. Ad.** — *Papuina Waigiouensis* Wallace in Proc. Zool. Soc. 1865. p. 411.  
2240. **Dunkiensis Forb.** (Coll. Nr. 1414.)  
2241. **lucana Müll.** — *Dorcasia lucana* Mörch in Journ. Conch. XV. 1867. p. 257.  
2242. **Alexandri Gray.** — *Dorcasia Alexandri* Mörch ibid. p. 257.  
2247. **Mabiliei Crosse.** (Coll. Nr. 1415.)  
2249. **Vesconis Morel.** — *Morelet* Sér. conch. II. p. 49. t. 4. f. 5.  
2276. **similaris Fér.** — *Morelet* Sér. conch. II. p. 58: frequentissima in insulis Bourbon, Mauriti, Mayotte. (β. Maculis opacis luteis variegata: *H. Brardiana* Pfr.) — *Eulotus similaris* Mörch in Journ. Conch. XV. 1867. p. 257.  
2281. **Brardiana Pfr.** — *Helix similaris* var. *Morelet* Sér. conch. II. p. 59.

## §. 410.

2313. **desertorum Forsk.** — *Helix Gemmellarii* Ar. et Magg., Pfr. Mon. I. p. 426, teste Benoit Ill. test. Sicil. IV. p. 210.

## §. 412.

2330. **Pouzolzi Payr.** — Walderd. Syst. Verz. Catt. p. 3. (Formatio scalaroidea prope castellum Präsieka.)  
2337. **umbilicaris Brum.** — *Helix planospira* Benoit Ill. test. Sicil. p. 89. t. 4. f. 19.  
2339. **macrostoma Mühlf.** — Benoit Ill. test. Sicil. p. 84. t. 4. f. 18.

2339a. **H. confusa Benoit.** †

«Testa *anguste* umbilicata, orbiculato-depressa, solida, opaca, striatula, superne eleganter granulata, *badio-cornea*, in *vitta lutea badio-unifasciata*; anfractus quinque convexiusculi, ultimus antice lente descendens; apertura lunari-rotundata, parum obliqua; peristoma reflexum, *crassum*, *flexuosum*, albolabiatum, marginibus remotis, dextro parum expanso, basali *caloso*, columellari dilatato, palato subincrassato. — Diam. maj. 33, min. 27, alt. 16 mill.» (B.)

*Helix confusa* Benoit Ill. test. estram. Sicil. II. 1857. p. 94.  
t. 4. f. 20. Non *Pfr.* 1855.

Habitat in Sicilia.

Obs. Nonne = *H. macrostomae* Mlf. var. *cryptozona*?

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2341. **setipila Ziegl.** — Benoit Ill. test. Sicil. p. 93. t. 4. f. 24.

### §. 113.

2348. **Hoffmanni Partsch.** — Walderd. Syst. Verz. Catt. p. 3.

2349. **insolida Ziegl.** — *Helix insolita* «Ziegl.» Walderd. l. c. p. 3.

2353. **connivens Pfr.** — *Eulotus connivens* Mörch in Journ. Conch. XV. 1867. p. 257.

2360. **Revelierei Debeaux** 12 Mars 1867; Journ. Conch. XV. 1867. p. 308. t. 8. f. 1. — *Helix Cyniaca Dutailly* in Rev. et Mag. Zool. Avr. 1867.

2367. **claromphalos Dev. et Hupé.** — Morelet Sér. conch. III. p. 162. Varr.: β. alba, unifasciata; γ. unicolor, pallide flava; δ. minor, depressior, latius umbilicata, ultimo anfractu subangulato, apertura obrotunda: *H. mesomphalos* Morel., *Pfr.* Mon. V. p. 376. Nr. 2469.

2391. **strigata Müll.** — Benoit Ill. test. Sicil. p. 106 var. *sicula*: superne acutius costulata, apertura magis rotundata, fuscolabiata.

2406. **pulchella Müll.** — Brown Ill. rec. conch. Gr. Brit. 1844. p. 45. t. 14. f. 76. 77. (*Amplexus paludosus* Brown ed. I. t. 41. f. 76. 77.) — Benoit Ill. test. Sicil. III. p. 147. t. 4. f. 15.

2407. **costata Müll.** — *Helix crenella* Mont., Brown Ill. rec. conch. Gr. Brit. 1844. p. 45. t. 14. f. 78. 79. (*Amplexus crenellus* Brown ed. I. t. 41. f. 78. 79).

### §. 114.

2409. **spiriaplana Oliv.** — Bourg. Moll. nouv., litig. etc. IV. p. 98. t. 17. f. 9—11. t. 18. f. 1—8.

2410a. **Escheriana Mouss.** — Bourg. ibid. p. 105. t. 15. f. 8—11.

### §. 115.

2427. **lapicida Linn.** — Jun.: *Helix albella* Linn.!! teste Westerlund in Malak. Bl. XIV. 1867. p. 200.

### §. 117.

(2469. *mesomphalos* Morel. vid. *H. claromphalos* Dev. et Hupé Nr. 2367 in Addend.)

2469a. **H. leucolena Crosse.** †

«T. pervie umbilicata, depressa, parum crassa, diaphana, nitida, striis validis, numerosis, subobliquis longitudinaliter im-

pressa, pallide luteo-flava; spira brevissime conoidea; sutura sat profunda, impressa, subirregulari; anfr.  $5\frac{1}{3}$  convexiusculi, sensim accrescentes, embryonales  $4\frac{1}{2}$  laeves, luteo-albidi, ultimus vix descendens, depresso-rotundatus, basi convexiusculus; apertura subobliqua, depressa, lata, oblongo-lunaris, intus livide albida, nitida; perist. simplex, album, marginibus convergentibus, subdistantibus, callo tenui junctis, columellari brevissimo, lato, fornicatim reflexo, umbilici partem exiguam celante, basali et externo late reflexis, crassiusculis. — Diam. maj. 23, min. 19 mill. Apert. intus 9 mill. longa,  $40\frac{1}{2}$  lata.» (Cr.)

β. Minor, olivaceo-flava; anfr. 5; umbilici vix parte minima oblecta. — Diam. maj.  $46\frac{1}{2}$ , min.  $43\frac{1}{2}$  mill. Apert. intus 6 mill. longa, 7 lata.

*Helix leucolena* Crosse in Journ. Conch. XV. 1867. p. 447.  
Habitat in insula Vaneeae Levu, archipel. Viti (B. Wright).

2481a. **H. borbonica** Deshayes. †

«H. testa suborbiculari, depressa, spira conoidea, brevi, apice obtusa; anfractibus senis, convexiusculis, flavo-corneis, ad peripheriam fusco tinctis, convexiusculis, inaequaliter et obsolete striatis, ultimo cylindraceo, basi umbilicato; apertura lunato-subcirculari, marginibus late interruptis, tenuibus, expansis. — Alt. 10, diam. 12 (ex iconibus 15) mill.» (D.)

*Helix borbonica* Desh. Catal. moll. île Réunion p. 85. t. 10. f. 9—11.

Habitat in insula Bourbon.

Obs. «Species *H. similari* Fér. affinis.»

§. 118.

2509a. **H. Angrandi** Morelet. †

«T. umbilicata, orbiculato-convexa, tenuis, nitida, striatula, subtus malleato-decussatula, corneo-rufescens, unizonata; spira vix elevata; sutura filo-marginata; umbilicus mediocris, perspectivus; anfr. 5 vix convexi, lente crescentes, ultimus parum dilatatus, subtus turgidulus, pone aperturam late scrobiculatus, antice descendens; apertura perobliqua, ovalis, plica dentiformi in pariete columellari coarctata; peristoma albidum, marginibus callo junctis, supero expanso, columellari dilatato, reflexo. — Diam. maj. 25, min. 22, alt. 8 mill.» (M.)

*Helix Angrandi* Morel. Sér. conch. III. 1863. p. 168. t. 7. f. 3.  
Habitat in ripis fluvii Apurimac Peruviae (L. Angrand).

## §. 119.

2528. **zonaria Linn.** — Var. anfractu ultimo fortiter descendente =  
*Helix collis* Mouss. teste Mart. Ostas. Zool. II. p. 310. 312.

2528a. **H. fasciolata Less.?, Martens. †**

«Testa anguste umbilicata, depressa, subtiliter striatula, nitida, alba, fasciis violaceo-fuscis angustis 2 picta; spira subplana, medio impressa; anfr.  $4\frac{1}{2}$ , vix convexiusculi, penultimus prominulus, ultimus sat convexus, plane rotundatus, antice valde descendens, vix constrictus, impressione nulla; apertura subdiagonalis, oblongo-subquadrangularis; peristoma incrassatum undique breviter expansum, album, marginibus conniventibus, basali calloso, supero stricto. — Diam. maj. 21, min. 16, alt. 11; apert. long. 12, lat.  $9\frac{1}{2}$  mill.» (v. M.)

*Helix fasciolata* Less. Voy. Coq. Zool. II. 1. p. 311?

— — (Planispira) Mart. Ostas. Zool. II. p. 314.

Habitat in insulis Moluccis.

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2543. **tortilabia Less.** — Conf. Mart. Ostas. Zool. II. p. 391.

2545. **Moluccensis Pfr.** — Nova Guinea, nec in Moluccis: Mart. Ostas. Zool. II. p. 392, quamobrem nomen *H. semirasa* Mouss. (in coll.) adoptandum proponitur.

2547. **zebra Pfr.** — Mart. Ostas. Zool. II. p. 315. («Testa anguste umbilicata, depressa, leviter striatula, nitidula, isabellina, strigis fulminatis latiusculis albis et pallide castaneis picta; spira subplana, medio impressa, anfr.  $4\frac{1}{2}$ , convexiusculi, ultimus plane rotundatus, antice valde descendens, non constrictus, impressione subnulla; apertura subdiagonalis, oblongo-subquadrangularis; peristoma incrassatum, undique breviter expansum, isabellino-albidum, marginibus conniventibus, basali calloso. — Diam. maj.  $21\frac{1}{2}$ , min.  $16\frac{1}{2}$ , alt.  $9\frac{1}{2}$ ; apert. long. 12, lat.  $9\frac{1}{2}$  mill. — Ceram et Goram.»)

2549. **margaritis Pfr.** — Mart. Ostas. Zool. II. p. 307. («Testa depressa, modice umbilicata, striolata, alba, fasciis 2—3 fusconigris, spira plana; anfr.  $3\frac{1}{2}$ —vix 4, subplani, ultimus basi convexus, antice non multum descendens et ante aperturam gibboso-inflatus, dein constrictus; apertura transverse subelliptica; peristoma expansum, album, modice incrassatum. — *A. genuina*: fasciis 2, anfr. ultimo vix descendente, apertura parum obliqua; diam. maj. 19, min. 15, alt. 9; apert. long. 10 mill. — *B*: fasciis 3, supera interrupta, anfr. ultimo modice descendente, apertura valde obliqua [*Helix zonulella* Mouss.]; diam. maj. 16, min. 12, alt.  $7\frac{1}{2}$ ; apert. long.  $8\frac{1}{2}$ , lat. 7 mill.»)

## §. 122.

2616. **Scheepmakeri Pfr.** — Planispira Mart. Ostas. Zool. II. p. 318. («Testa anguste umbilicata, subdepressa, carinata, leviter striatula et lineis spiralibus subtilissimis confertis subobsoletis sculpta, nitida, diaphane alba, saepius fuscofasciata; spira plana, sutura

superficiali; anfr. 4, rapide crescentes, ultimus supra valde convexus, infra planus, periphæria acute carinatus, antice paululum infra carinam descendens, supra non, infra distincte constrictus; apertura subhorizontalis, securiformis, extus valde sursum flexa; peristoma subincrassatum, album, supra subrectum, extus late expansum, infra breviter reflexum, marginibus valde appropinquatis, supero incurvato, infero arcuato. — Diam. maj.  $23\frac{1}{2}$  — 26, min. 17—19, alt. 10—11; apert. long. 14—15, lat. 10 mill. — Ins. Batjan.» )

## §. 123.

2658. **Leprieuri Petit.** (Coll. Nr. 1416.)

2688a. **H. collaris Pfr.**

T. parvula, late umbilicata, lenticularis, tenuiuscula, corneo-albida, utrinque subtilissime spiraliter striata, superne costis validis, radiantibus, suturam canaliculatam non attingentibus sculpta; spira vix elevata, vertice plano, laevigato; anfr.  $4\frac{1}{2}$  tumiduli, ultimus acute crenato-carinatus, antice solutus, deflexus, subtus subconstrictus; apertura horizontalis, subcircularis, lamina parietali profunde intrante et denticulis 2 basilibus coarctata; perist. continuum, undique breviter reflexum. — Diam. maj.  $6\frac{1}{3}$ , min.  $5\frac{1}{4}$ , alt. 2 mill. (Coll. Nr. 1417.)

*Helix collaris* Pfr. in Malak. Bl. XIV. 1867. p. 197.

Habitat . . . ?

Obs. Species persingularis, *H. sculpturatae* Gray Nr. 2587 modo characteribus nonnullis peraffinis.

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#### XIV. Streptaxis. (p. 439.)

9. **alveus Dunk.** — *Helix contermina* Reeve.

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